



Renovating with Knauf



Knauf, Advanced Construction Systems

Knauf is a leading manufacturer of construction materials and solutions. Our foresighted vision of the market, continuous technological innovation, and global production capacity (250 plants in 60 countries) have made us a global benchmark for the industry. Knauf works with installers, dealers, designers, and contractors with a global approach to construction. Our various divisions (Acustika, Fire Protection, Antisismika, Plasters, Involukro, Ceilings, and Substrates) make us the ideal multi-specialist partner for all your construction needs. Knauf construction systems and solutions ensure excellent acoustic and thermal insulation, fire resistance and reaction, aesthetics, safety, flexibility, and versatility.

www.knauf.it

CONTENTS

Knauf: an industry leader	02
Knauf solutions for internal walls	04
Knauf solutions for internal wall linings	08
Knauf solutions for internal suspended ceilings	12
Knauf solutions for external walls	16
Knauf boards	20
Knauf frameworks	36
Knauf accessories	44
Knauf plasters	54
Knauf Aquapanel® system	60
Knauf external wall insulation system	68
Knauf plasters and finishes	76
Terms and conditions of sale	78

How to quickly build a Knauf internal wall



Acoustic insulation performance

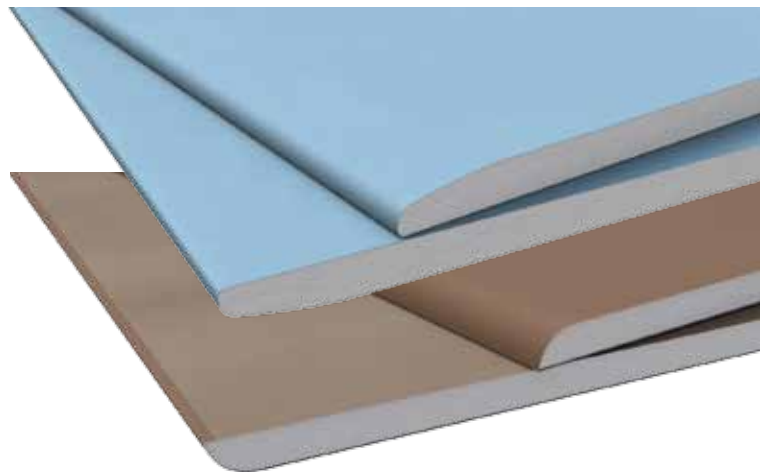


How can you keep the noise out?

Knauf provides a wide range of solutions to reduce noise by up to 71 dB so you can enjoy the peace and quiet of your home. Our Diamant® and Silentboard® boards effectively absorb noise and ensure excellent acoustic comfort.

Use:

Board	Soundproofing power
DIAMANT®	Up to 65 dB
SILENTBOARD®	Up to 71 dB



Fire protection performance

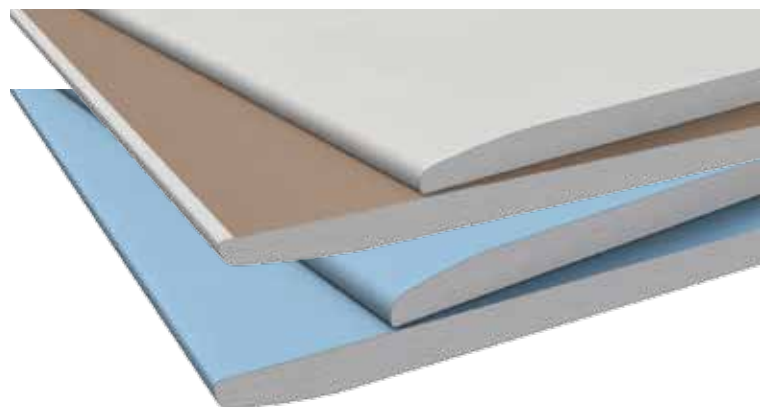


How can you protect your home from fire?

Knauf walls allow you to obtain a safe and effective passive fire protection rating of up to EI 120. Among other solutions, Knauf has developed specific boards for this purpose, such as the Diamant® and Ignilastra GKF fire-resistant boards.

Use:

Board	Fire resistance rating
IGNILASTRA GKF	A2-s1,d0 (non-flammable)
DIAMANT®	A2-s1,d0 (non-flammable)



Mechanical strength performance

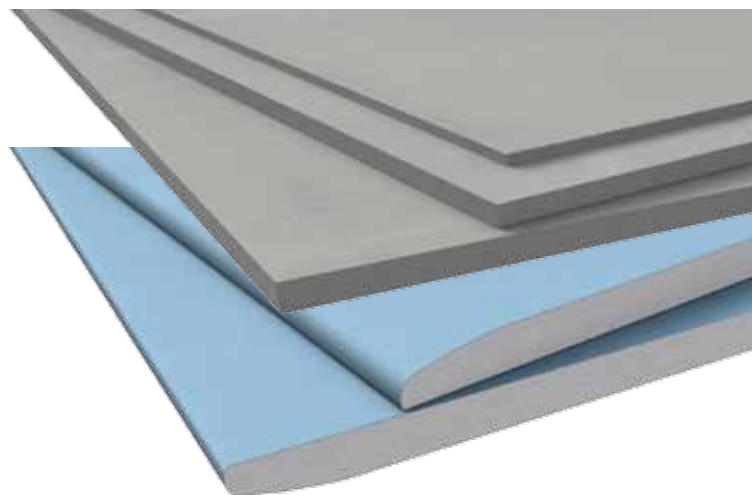


How can you obtain impact resistant walls?

The Knauf Vidiwall® boards are specifically designed for building walls with superior impact strength. These boards can even withstand suspended loads, such as shelves, wall cabinets, and furniture, of up to 55 kg per fixing point. For heavier loads, there's the Diamant® board, which can withstand up to 60 kg.

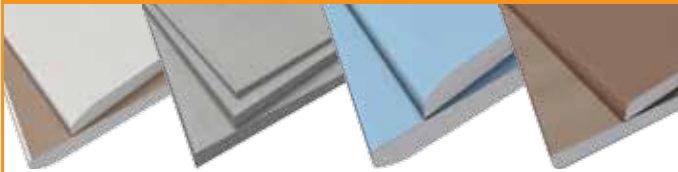
Use:

Board	Load bearing capacity per fixing point
VIDIWALL®	Up to 55 kg
DIAMANT®	Up to 60 kg



What you need to build a Knauf internal wall

Knauf boards



A wide range of high-performance boards to meet any construction requirement

Rockwool or Glass wool insulation panel



Non-flammable, thermal insulating, and soundproof mineral wool insulation materials

Self-drilling screws



Knauf self-drilling plasterboard screws

Micro perforated tape



Ideal for reinforcing joints

Track profiles

Stud profiles



For building walls with different performances

Plasters



High-quality finishes for surfaces created with a Drywall system

How to quickly build a Knauf wall lining



Acoustic insulation performance

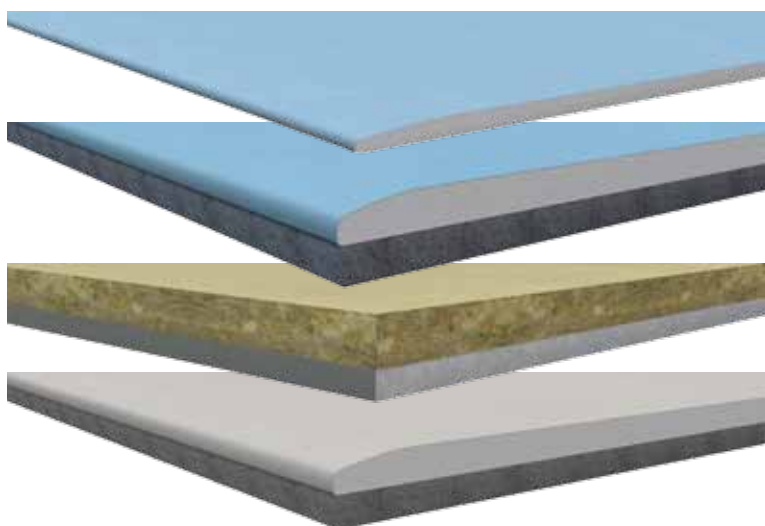


How can you keep the noise out?

Knauf helps you soundproof adjoining rooms in your home with a wide range of solutions to reduce noise by up to 57 dB. Our Diamant®, Diamant® FPE, Isolastra® LM, and Isolastra® FPE boards effectively absorb noise and ensure excellent acoustic comfort.

Use:

Board	Soundproofing power
DIAMANT®	Up to 57 dB
DIAMANT® FPE	Up to 55 dB
ISOLAstra® LM	Up to 52 dB
ISOLAstra® FPE	Up to 56 dB



Thermal insulation performance

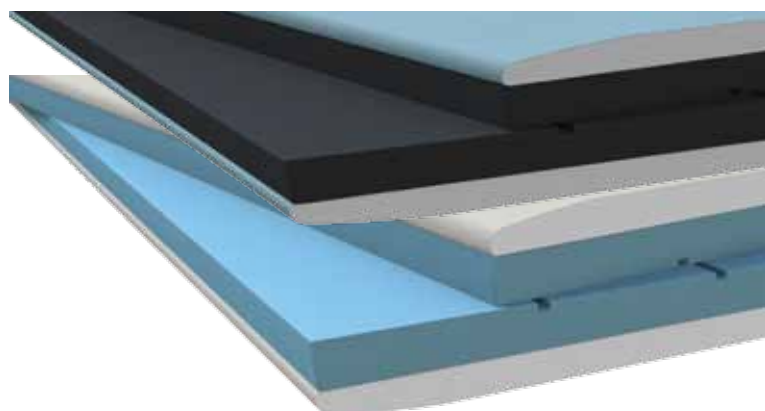


How can you improve the comfort of your home?

The Knauf Isolastra® XD-Energy or XPS boards consist of an insulation panel coupled with plasterboard to obtain high thermal insulation with less thickness. These boards ensure maximum comfort in both summer and winter.

Use:

Isolastra®	Insulating thermal conductivity
XD-ENERGY	$\lambda = 0,030 \text{ W/mK}$
XPS	$\lambda = 0,034 \text{ W/mK}$



Fire protection performance

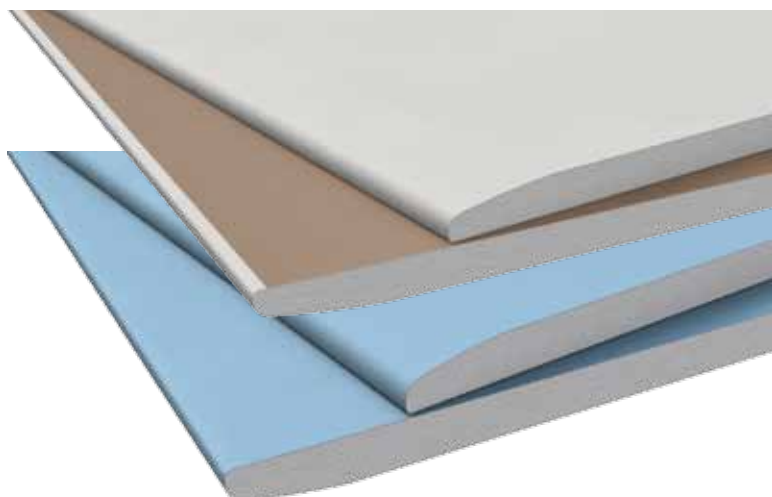


How can you protect your home from fire?

Knauf wall linings allow you to obtain a safe and effective passive fire protection rating of up to EI 120. Among other solutions, Knauf has developed specific boards for this purpose, such as the Diamant® and Ignilastra GKF fire-resistant boards.

Use:

Board	Fire resistance rating
IGNILASTRA GKF	A2-s1,d0 (non-flammable)
DIAMANT®	A2-s1,d0 (non-flammable)



Moisture resistance performance

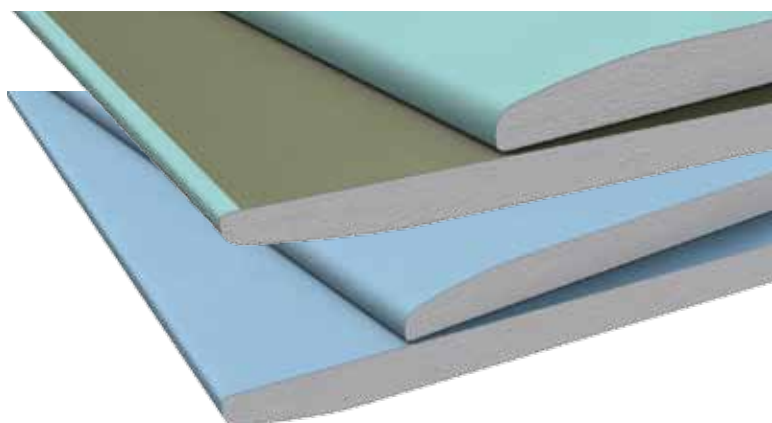


How can you protect your home from humidity?

Knauf wall linings are highly resistant to humid air, which means they are perfect for kitchens and bathrooms. Among other solutions, Knauf has developed specific boards for this purpose, such as the Diamant® and Idrolastra GKI moisture-resistant boards.

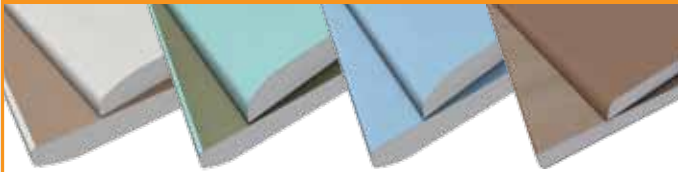
Use:

Board	Relative air humidity resistance
IDROLASTRA GKI	up to 70% H.R.
DIAMANT®	up to 70% H.R.



What you need to build a Knauf wall lining

Knauf boards



A wide range of high-performance boards to meet any construction requirement

Rockwool or Glass wool insulation panel



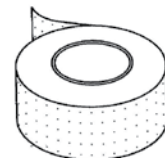
Non-flammable, thermal insulating, and soundproof mineral wool insulation materials

V.R. screws



Knauf bugle head plasterboard screws

Kurt tape



Micro perforated tape for reinforcing joints

Track profiles

Stud profiles



For building walls with different performances

Plasters



High-quality finishes for surfaces created with a Drywall system

How to quickly build a Knauf suspended ceiling



Acoustic insulation performance

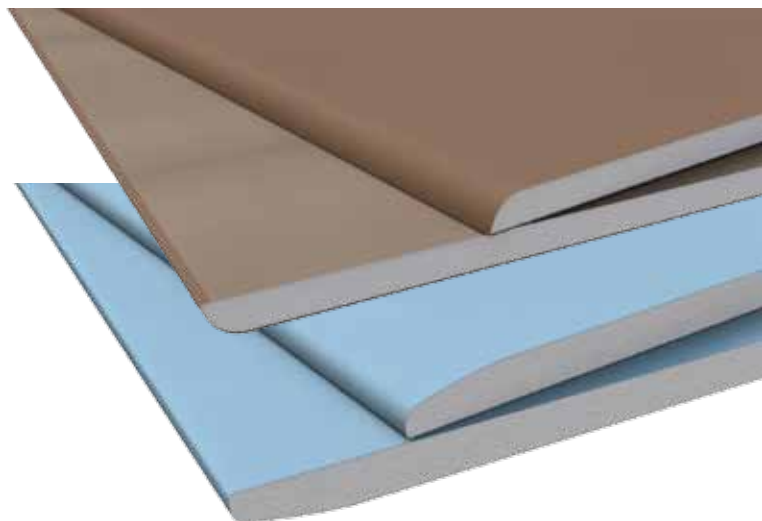


How can you keep the noise out?

Knauf suspended ceilings help you improve the acoustic comfort of your home. For example, the Silentboard® coupled with a Knauf insulation panel can reduce noise considerably. Then there's the Diamant® board, which ensures up to 64 dB of soundproofing power.

Use:

Board	Soundproofing power
SILENTBOARD®	Up to 70 dB
DIAMANT®	Up to 64 dB



Thermal insulation performance



How can you improve the comfort of your home?

Knauf suspended ceilings help you improve the comfort of your home both in summer and in winter. For example, the GKB board coupled with a Knauf insulation panel ensures high thermal insulation.

Use:

Insulation	Thermal conductivity
ISOROCCIA®	$\lambda = 0,035 \text{ W/mK}$
EKOVETRO®	$\lambda = 0,037 \text{ W/mK}$



Fire protection performance

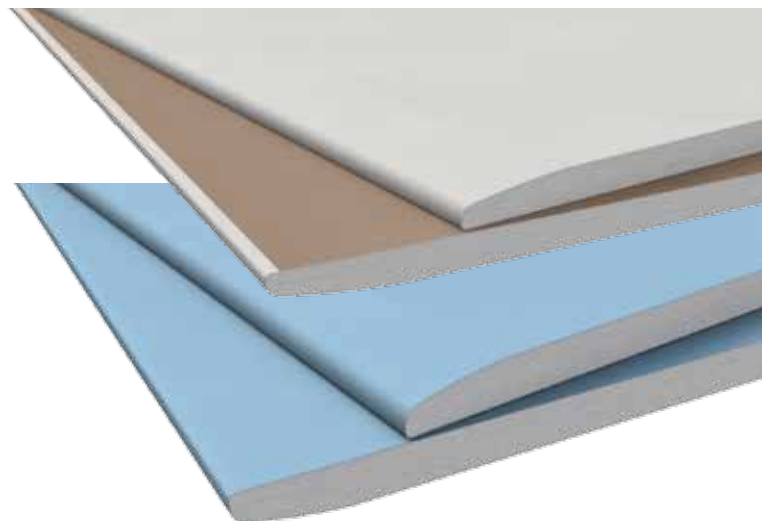


How can you protect your home from fire?

To improve passive fire protection, Knauf has developed specific boards for this purpose, such as the Diamant® and Ignilastra GKF fire-resistant boards, which, positioned with specific frameworks, create suspended ceilings with a fire protection rating of up to REI 120.

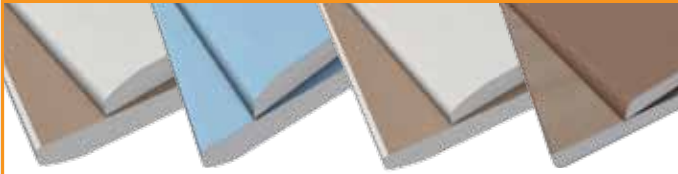
Use:

Board	Fire resistance rating
IGNILASTRA GKF	A2-s1,d0 (non-flammable)
DIAMANT®	A2-s1,d0 (non-flammable)



What you need to build a Knauf suspended ceiling

Knauf boards



A wide range of high-performance boards to meet any construction requirement

V.R. screws

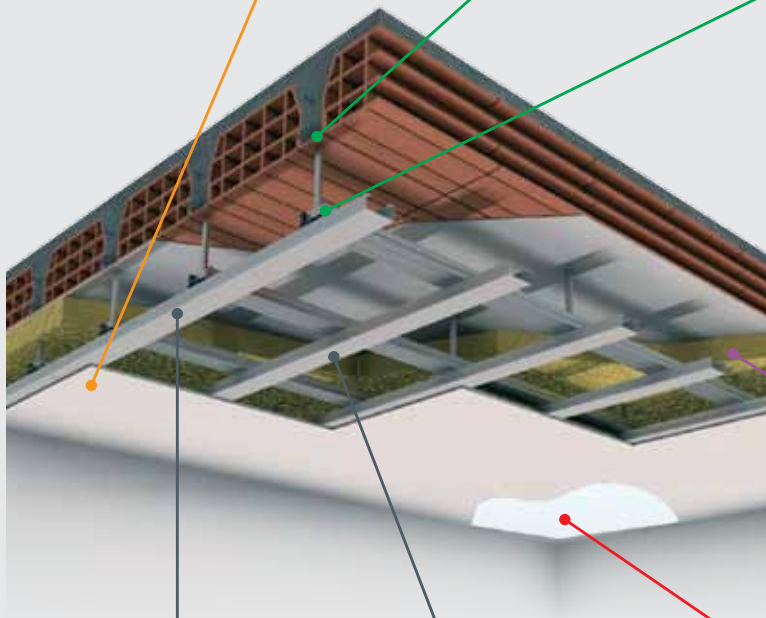


Knauf bugle head plasterboard screws

Straight hanger



For quick and safe fixing



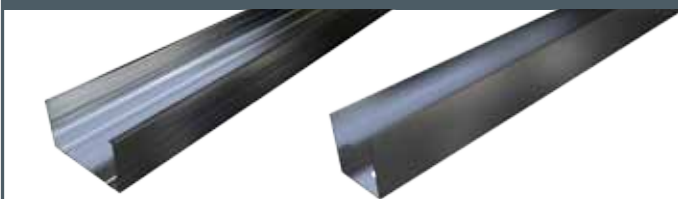
Rockwool or Glass wool insulation panel



Non-flammable, thermal insulating, and soundproof mineral wool insulation materials

Track profiles

Stud profiles



For building suspended ceilings with different performances

Plasters



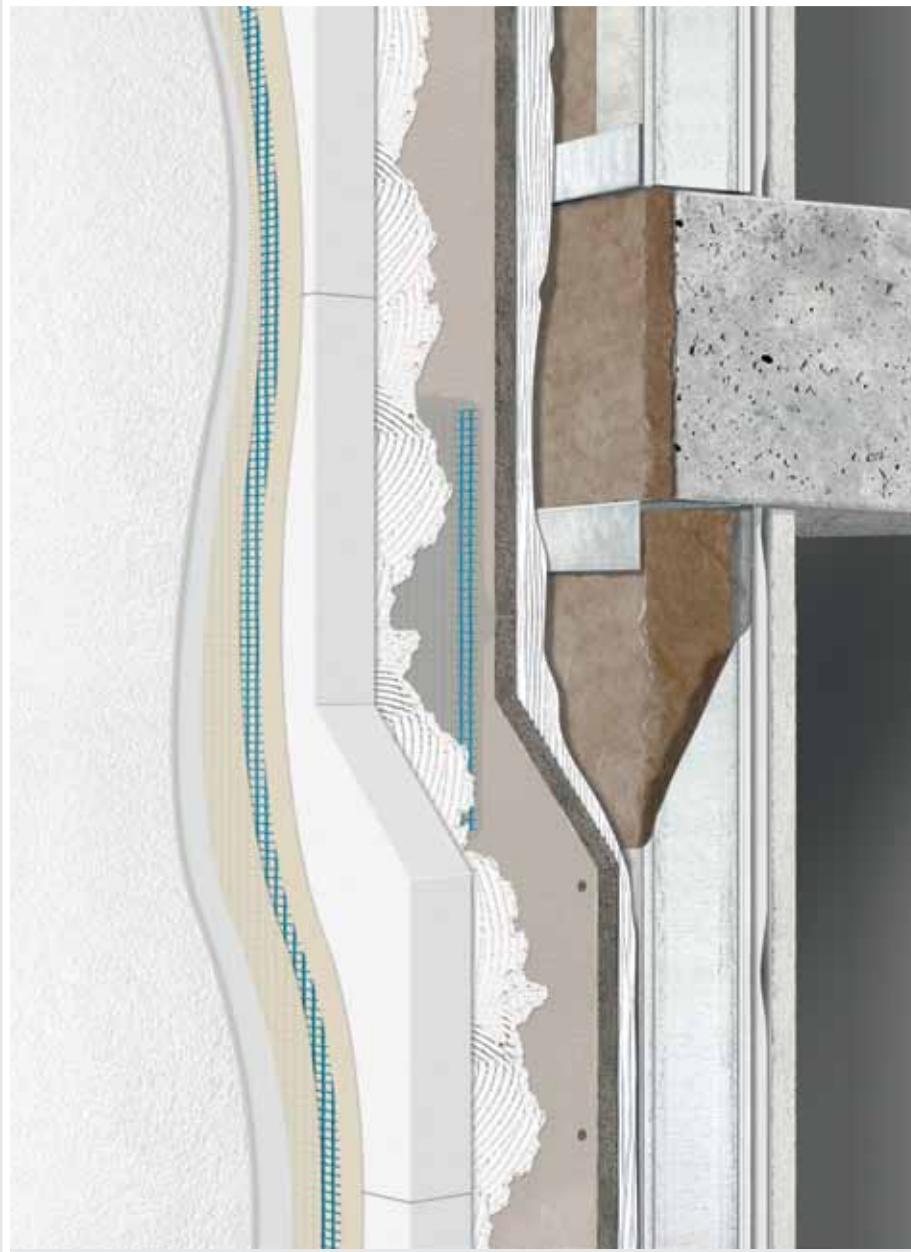
High-quality finishes for surfaces created with a Drywall system

How to quickly build a Knauf external wall



What you need to build an external wall with the AQUAPANEL® System and the Knauf wall insulation system

Where higher thermal performance is required, the external wall insulation system (SCT) can be applied for the exterior cladding of the Knauf Aquapanel® system. This solution is perfect for correcting thermal bridges.



Soundproofing power: up to 66 dB

U transmittance: up to 0,20 W/mK

What you need to insulate an external wall with the Knauf wall insulation system

White EPS insulation panel



Sintered polystyrene foam boards

Grey EPS insulation panel



Polystyrene foam boards enhanced with graphite additive

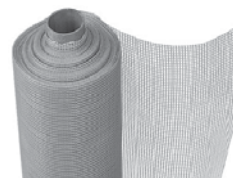
Rockwool insulation panel



Non-flammable, thermal insulating, and soundproof mineral wool insulation materials



Reinforcement Mesh



Special alkali-resistant mesh

SM 700 bonding and rendering mortar



Reinforced with synthetic fibres. Very workable

Colour coating



Water-repellent silicone or acrylic coating

Soundproofing power: exceeding 56 dB

U transmittance: up to 0,20 W/mK

What you need to build an external wall with the AQUAPANEL® System

Aquapanel® Outdoor board



Lastra in cemento rinforzato con rete di armatura sulle due superfici

Rockwool insulation panel



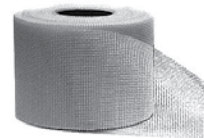
Non-flammable, thermal insulating, and soundproof

Reinforcement Mesh



Special alkali-resistant mesh

Reinforcement Tape



A special tape to be applied to the joints

Aquapanel® Tyvek®



Breathable waterproof fabric

Maxi SB screws



Special corrosion-resistant screws

Exterior Basecoat



Cement-based exterior finishing. Hand or machine application

Stud profiles



Corrosion-resistant MgZ® profiles

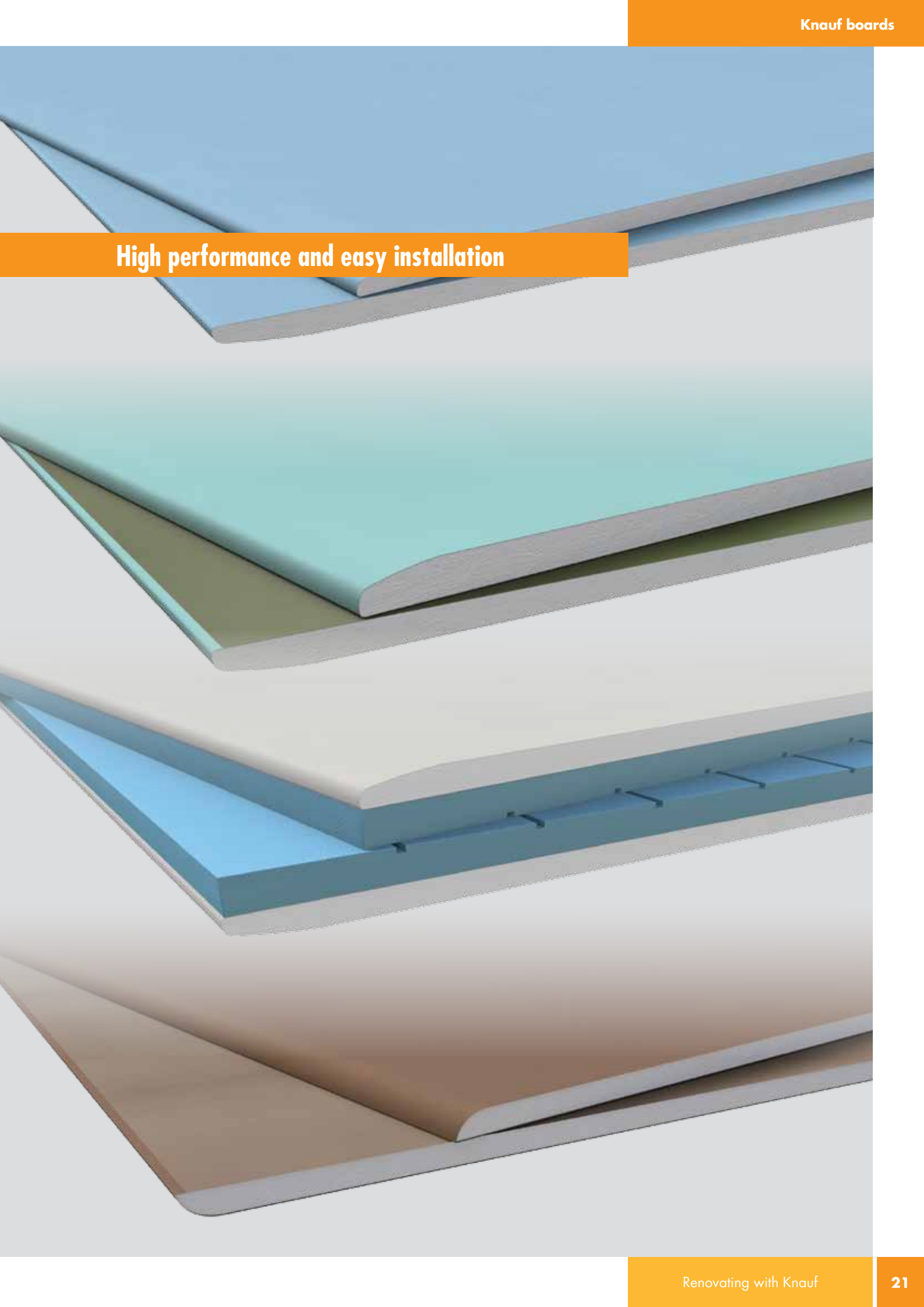
Soundproofing power: up to 66 dB

U transmittance: up to 0,18 W/mK

Fire resistance rating: EI 120

KNAUF BOARD

Standard Knauf GKB (A)	Knauf GKB (A) boards	24
boards Knauf waterproof	Knauf Idrolastra® GKI (H) boards	25
Knauf thermal insulation boards (internal wall insulation)	Isolastre® "PSE" boards	26
	Isolastre® "XPS" boards	27
Knauf thermal and acoustic insulation boards	Isolastre® "XD-Energy" boards	27
	Isolastre® "LM 115" boards	28
	Isolastre® "LM 85" boards	29
Knauf passive fire protection boards	Isolastre® "FPE" boards	29
	Knauf Ignilastre® GKF (DF) boards	30
Knauf high-density boards	Fireboard®	31
	Diamant®	32
Knauf acoustic boards	Vidiwall® XL	33
	Silentboard®	34
	Diamant® FPE	35



High performance and easy installation

Definitions

Knauf boards consist of a gypsum core, whose surfaces and longitudinal edges are covered with special cardboard. These boards come in various versions, thicknesses, and sizes. The gypsum core contains minimal amounts of additives to enhance their performance. Knauf coated plasterboards are manufactured in compliance with the UNI EN 520 and DIN 18180 standards.

Fire resistance rating and marking

Knauf boards have an A2-s1,d0 fire resistance rating in accordance with the UNI EN 520 standard. F-Zero® boards have a certified "CLASS A1" (non-combustible) rating. Fireboard® boards have a certified "CLASS A1" (non-combustible) rating.

The Isolastra® boards are manufactured in compliance with the UNI EN 13950 and have an A2-s1,d0 (LM) or B-s1,d0 (PSE, FPE and XPS) rating. Boards with a vapour barrier (EN 14190) have an A2-s1,d0 rating. For further information, please get in touch with the Knauf Technical Department.

Knauf board markings and identification

Knauf boards have a linear marking on the back, which identifies the manufacturer, production plant, production data, reference standard, and quality control. Each board is provided with this marking.

Knauf boards and their scope of application

1. Knauf GKB (A) boards: coated plasterboard for interior finishes in any type of building. **Scope of application:** wall, wall lining, and suspended ceiling coverings fixed to metal frameworks or for drywall plastering using a suitable gypsum-based adhesive (Perfix). The board is identified by a blue stamp on the back.

2. Ignilastra® GKF (DF) boards: a fire-resistant coated plasterboard reinforced with mineral fibres added to the gypsum core to improve its structural strength under the action of fire. **Scope of application:** same as in section 1 but with higher fire resistance performance. The board is identified by a red stamp on the back.

3. Idrolastra® GKI (H) boards: this type of coated plasterboard gets soaked before undergoing a special treatment to reduce moisture absorption. **Scope of application:** same as in section 1. These boards are intended for rooms with high moisture content, such as bathrooms and kitchens. The board is identified by a blue stamp on the back and special green cardboard.

4. Idroignilastra® GKFI (DHF): this type of coated plasterboard has fire-resistant features and undergoes a special treatment to reduce moisture absorption. **Scope of application:** wall, wall lining, and suspended ceiling coverings, as in section 2. These boards are intended for humid rooms, such as bathrooms and kitchens. The board is identified by a red stamp on the back and special green cardboard.

5. Fireboard® boards: This plasterboard complies with the EN 15283-1 standard. Its surfaces and longitudinal edges are coated with a special glass fibre fabric. This product has been specifically designed to ensure the highest fire resistance performance **Scope of application:** fireproof coverings for walls, wall linings, ceilings, ventilation ducts, beams, and pillars. A1 fire resistance rating. The board is identified by a red stamp on the back and the edges.

6. F-Zero® (F) boards: fireproof plasterboard with a cardboard face. Its core is reinforced with mineral fibres. Red stamp. **Scope of application:** wall, wall lining, and ceiling coverings with an A1 fire resistance rating (non-combustible).

7. Isolastra® boards: Knauf GKB (A) coated plasterboard coupled with various types of insulation materials in compliance with the UNI EN 13950 standard. AK edge.

Isolastra® PSE boards - (polystyrene foam).

Isolastra® XPS boards - (extruded polystyrene).

Isolastra® FPE boards - (polyester fibre).

Isolastra® LM boards - (glass fibre mineral wool).

Particularly recommended for acoustic and thermal insulation. **Scope of application:** wall linings and insulation panels.

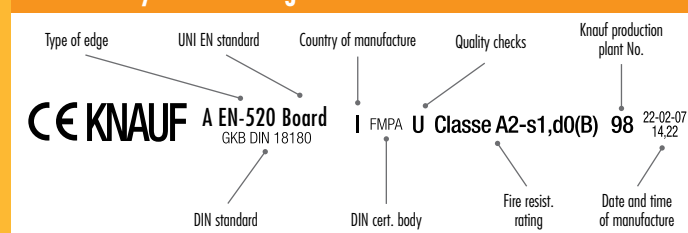
8. Cleaneo® perforated or slatted boards: coated plasterboard compliant with the UNI EN 14190 standard. Its surface is perforated, milled, and coupled with soundproof felt on the back. **Scope of application:** ceiling and wall coverings with high soundproofing performance and refined aesthetic and design features.

9. Flexilastra® boards: reduced-thickness (6.5 mm) coated plasterboard that stands out for its high flexibility. **Scope of application:** curved walls and ceilings and decorative applications. Marking compliant with the UNI EN 520 standard. A2-s1,d0 fire resistance rating.

Key edges

Shape	DIN id.	Description
	AK	Tapered edge
	VK	Straight edge
	SK	Cut edge
	4 SK	Cut edge on 4 sides
	FK	Bevelled cut edge

Key to the marking on the back of each Knauf board



Legend



For indoor and outdoor use



For walls, wall linings, and ceilings



Thermal insulation



Acoustic insulation



Fire resist. rating



Impact strength



Ideal for humid environments



Water resistance

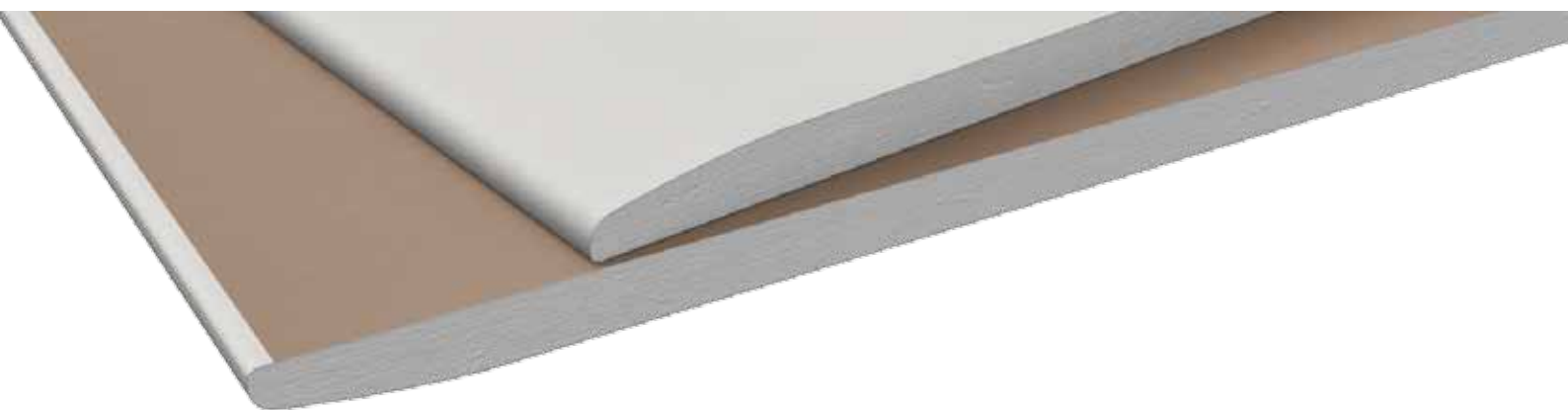


Flexibility



Type of edge

Standard Knauf GKB (A) boards



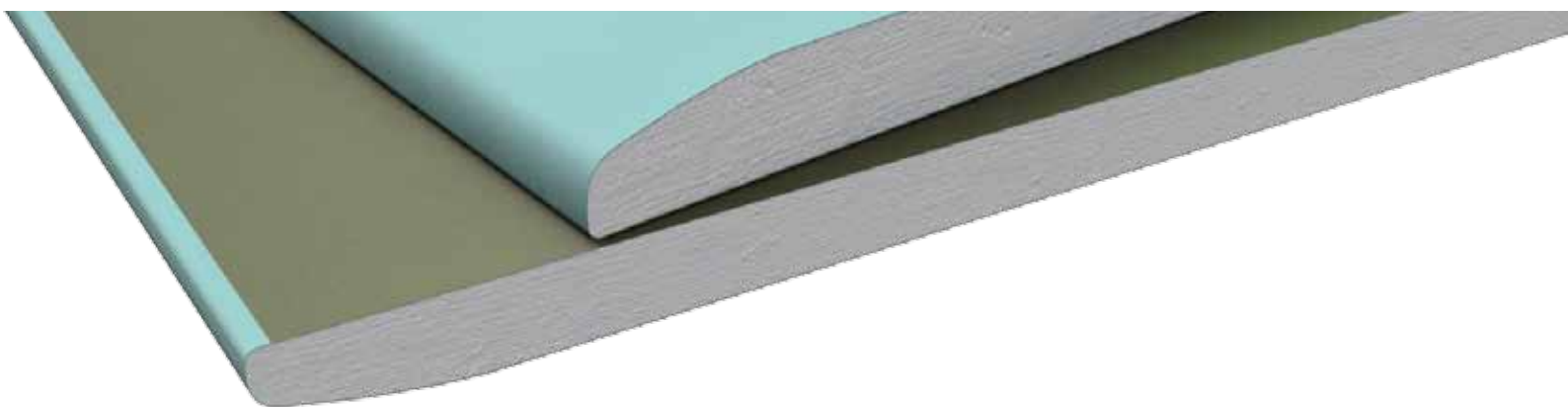
Knauf GKB (A) boards

Coated plasterboard for interior finishes in any type of building to create walls, wall linings, and suspended ceilings fixing them to metal frameworks or for drywall plastering, using a suitable gypsum-based adhesive.



Thickness (mm)	9,5 - 12,5 - 15 - 18
Width (mm)	1200
Length (mm)	2000 to 3500
Weight (kg/m ²)	approx. 6,5 - 8,5 - 13,3 - 13,7
Density (kg/m ³)	~ 760
Fire resistance rating	A2-s1,d0 (B)
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	10 (EN 10465-2008)

Knauf Waterproof boards (H)



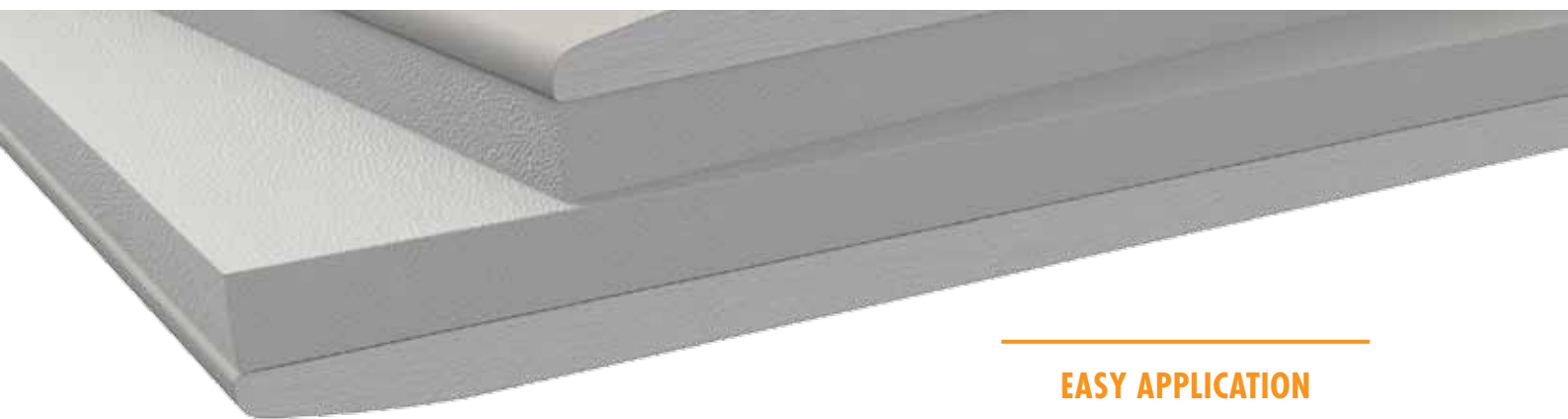
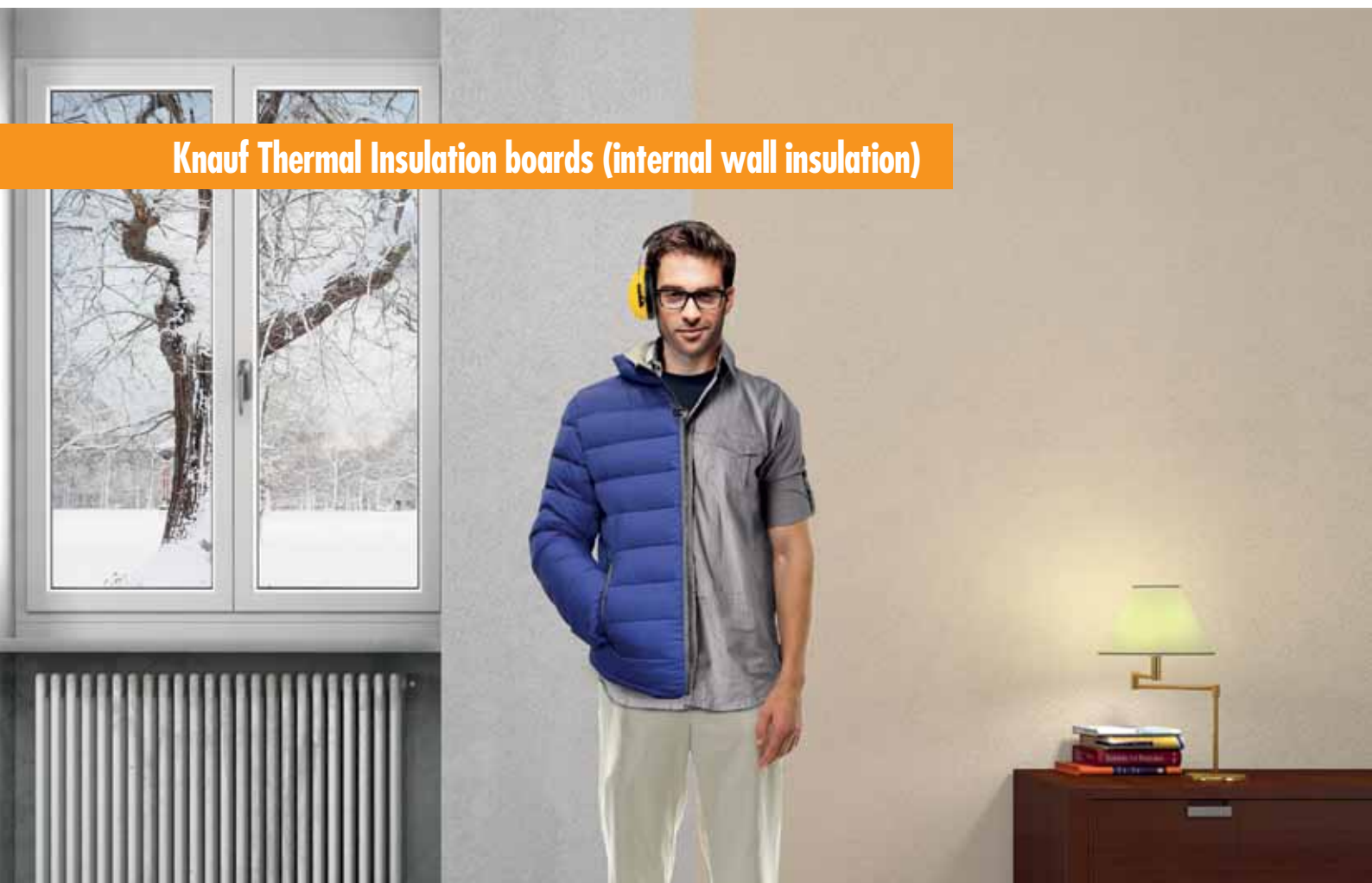
Knauf Idrolastra® GKI (H) boards

Coated plasterboard suitable for humid environments. Hygrometric compensation is the intrinsic feature of all Knauf boards with an absorption rate equal to 20% of their weight without any alteration. In the moisture-resistant boards of the Idrolastra range, this feature is enhanced through a special procedure that makes them less sensitive to moisture. Ideal for rooms with high humidity levels.



Thickness (mm)	12,5
Width (mm)	1200
Length (mm)	2000 to 3000
Weight (kg/m ²)	approx. 8,7
Density (kg/m ³)	~ 760
Fire resistance rating	A2-s1,d0 (B) EN 520
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	10 (EN 12524)

Knauf Thermal Insulation boards (internal wall insulation)



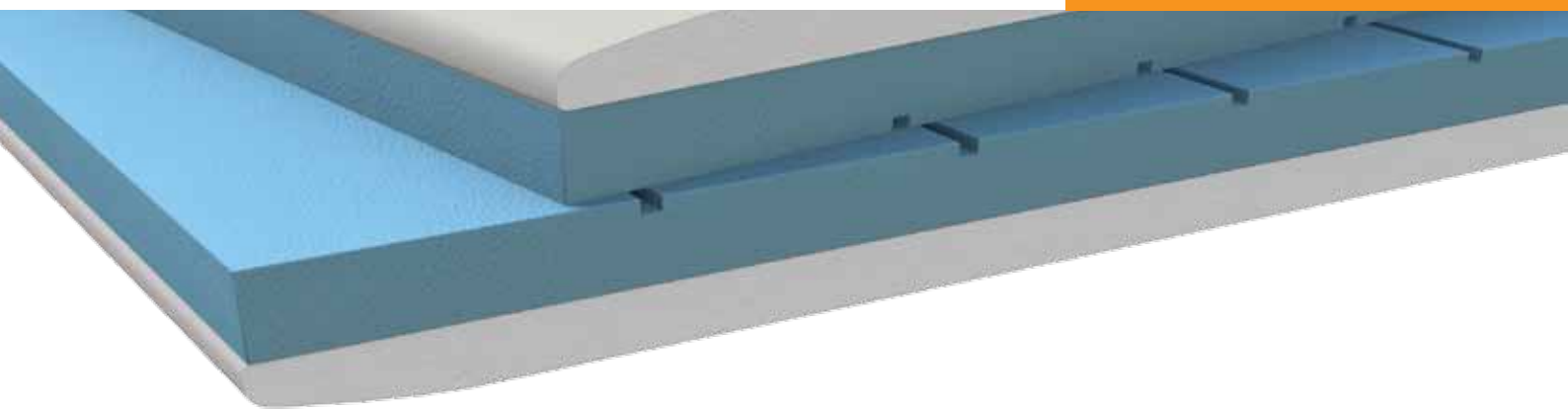
EASY APPLICATION

Isolastre® "PSE" boards

GKB (A) coated plasterboard consisting of a gypsum core, whose surfaces and longitudinal edges are covered with special cardboard. The insulation material (i.e. a rigid sintered polystyrene foam panel) is bonded to the back. These boards help eliminate condensation due to the low temperature of the inner surface of the walls without compromising their absorption capacity.



Thickness (mm)	9,5 - 12,5
Width (mm)	1200
Length (mm)	3000
Weight (kg/m ²)	from approx. 8,1 to 10,7
Density (kg/m ³)	approx. 15
Fire resistance rating	B-s1,d0
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	25 to 29

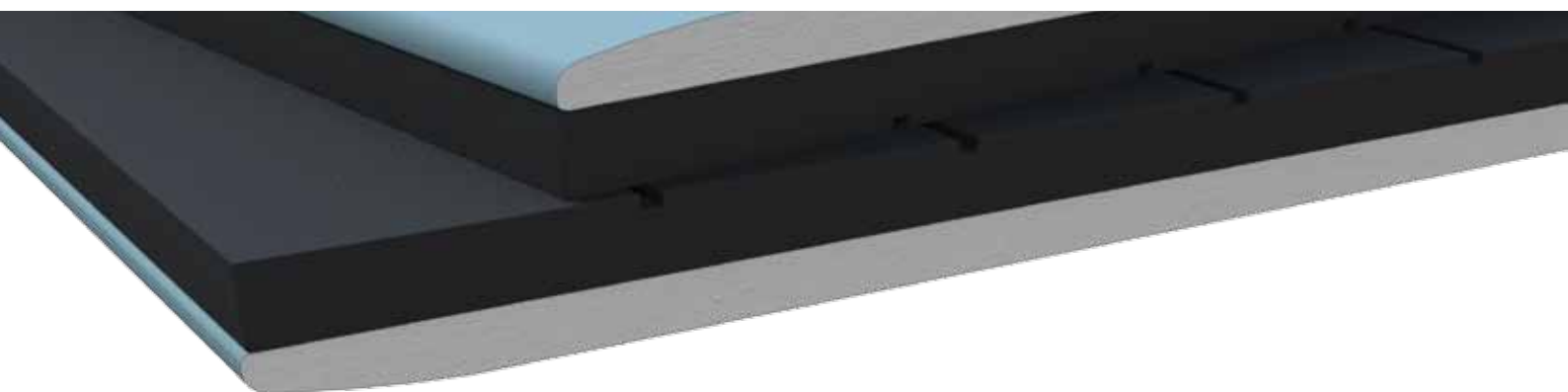


Isolastre® "XPS" boards

Knauf GKB (A) coated plasterboard consisting of a gypsum core, whose surfaces and longitudinal edges are covered with special cardboard. The insulation material (i.e. a rigid extruded polystyrene panel) is bonded to the back.



Thickness (mm)	9,5 - 12,5
Width (mm)	1200
Length (mm)	2000 - 3000
Weight (kg/m ²)	from approx. 8,5 to approx. 12
Density (kg/m ³)	approx. 33
Fire resistance rating	B-s1,d0
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	From 65 to 88 (12,5 mm) From 71 to 83 (9,5 mm)



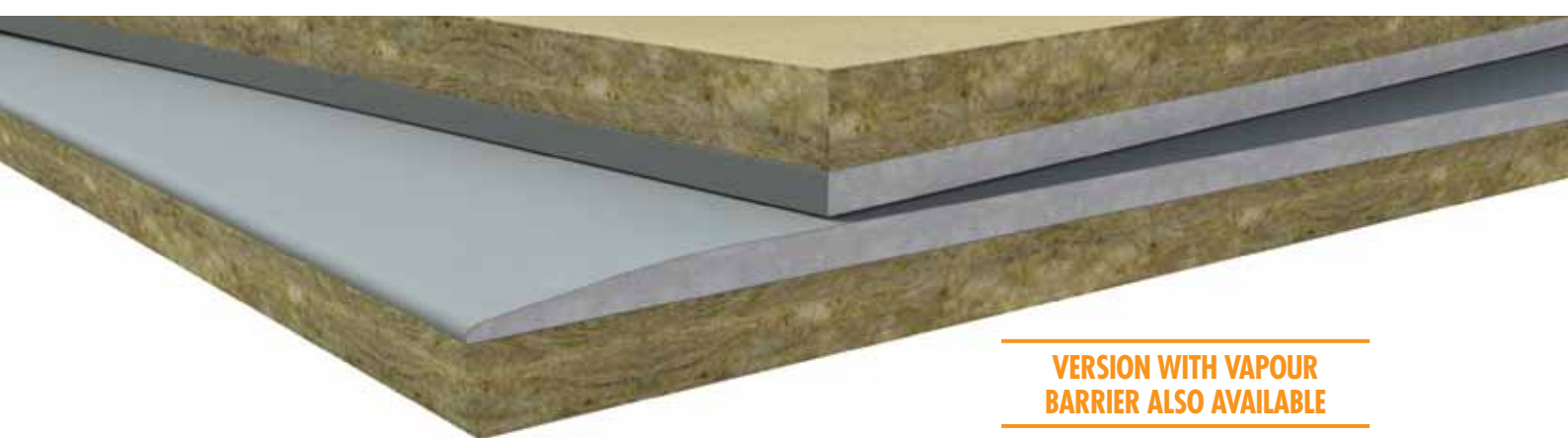
Isolastre® "XD-Energy"

High thermal insulation panels consisting of a Knauf Diamant board, featuring high relative air humidity and mechanical resistance, and an extruded polystyrene panel enhanced with XENERGY™ carbon particles glued on the back.



Thickness (mm)	12,5
Width (mm)	1200
Length (mm)	3000
Weight (kg/m ²)	approx. 13,8
Density (kg/m ³)	approx. 30 - 35
Fire resistance rating	B-s1,d0
Thermal conductivity (W/mK)	0,30
Water vapour resistance - μ	74

Knauf Acoustic and Thermal Insulation boards



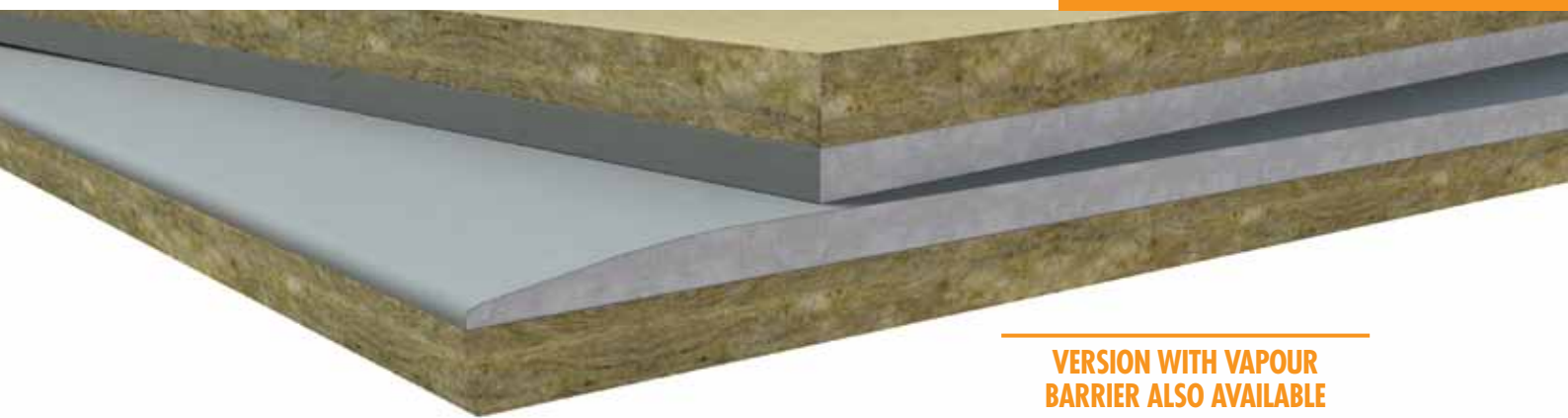
**VERSION WITH VAPOUR
BARRIER ALSO AVAILABLE**

Isolastre® "LM 115" boards

Type A coated plasterboard consisting of a gypsum core, whose surfaces and longitudinal edges are covered with special cardboard. The insulation material (i.e. a glass wool panel) is bonded to the back.



Thickness (mm)	9,5 - 12,5
Width (mm)	1200
Length (mm)	3000
Weight (kg/m ²)	approx. 10,5 - 13,3 - 15
Density (kg/m ³)	approx. 115
Fire resistance rating	A2-s1,d0
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	4 - 5



VERSION WITH VAPOUR BARRIER ALSO AVAILABLE

Isolastre® "LM 85" boards

Type GKB (A) coated plasterboard consisting of a gypsum core, whose surfaces and longitudinal edges are covered with special cardboard. The insulation material (i.e. a glass wool panel) is bonded to the back.



Thickness (mm)	9,5 - 12,5
Width (mm)	1200
Length (mm)	3000
Weight (kg/m ²)	from 9,5 a13,7
Density (kg/m ³)	approx. 85
Fire resistance rating	A2-s1,d0
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	4 - 5



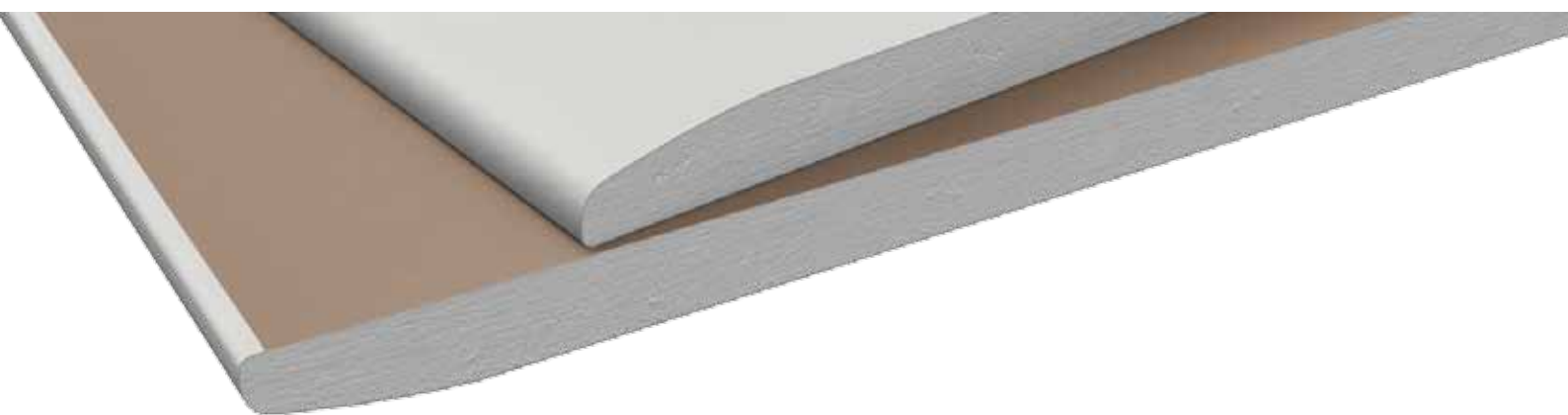
Isolastre® "FPE" boards

Type GKB (A) plasterboard coupled with IsolFIBTEC PFT, an insulation panel made of a technical fibre fabric featuring a varying density and high thermal and acoustic insulation properties. Knauf Isolastra FPE boards are the best way to achieve excellent thermal and acoustic insulation performance with a biocompatible product.



Thickness (mm)	12,5
Width (mm)	1200
Length (mm)	3000
Weight (kg/m ²)	approx. 11 - 11,5 - 12
Density (kg/m ³)	-
Fire resistance rating	B-s1,d0
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	-

Knauf Passive Fire Protection boards



Knauf Ignilastre® GKF (DF) boards

A fire-resistant coated plasterboard reinforced with mineral fibres added to the gypsum core to improve its cohesion under the action of fire. Suitable for covering walls, wall linings, and ceilings with high fire resistance performance.



Thickness (mm)	12,5 - 15 - 18
Width (mm)	1200
Length (mm)	2000 - 2500 - 3000
Weight (kg/m ²)	approx. 10,7 - 13,6 - 16
Density (kg/m ³)	880
Fire resistance rating	A2-s1,d0
Thermal conductivity (W/mK)	0,20
Water vapour resistance - μ	10

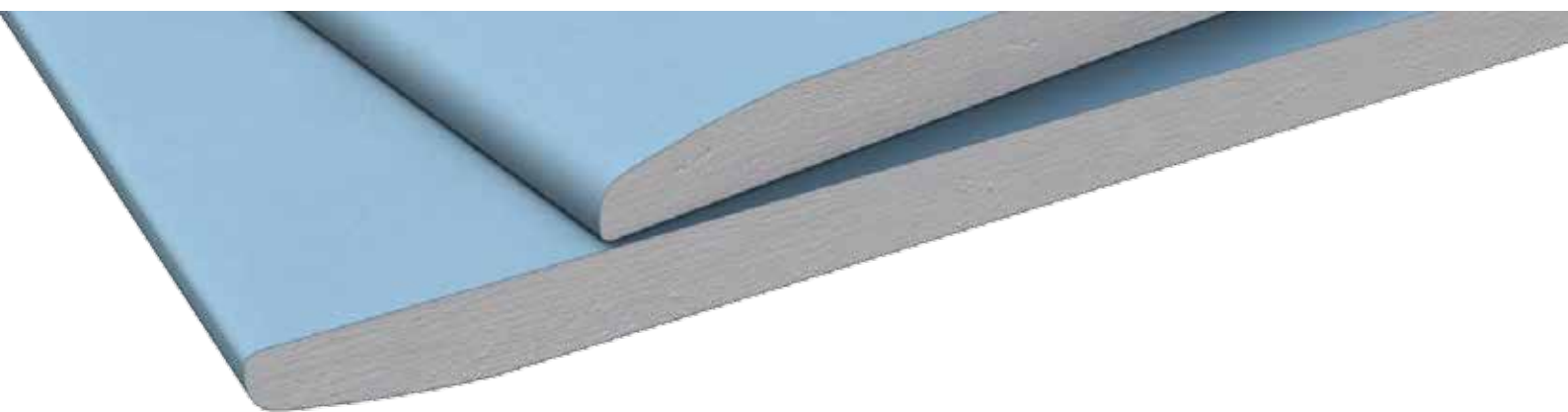
Fireboard®

Reinforced plasterboard without bevelled edges. Each board consists of a gypsum core coated with a layer of special glass fibre, which creates an exceptionally effective fire barrier. Ideal for public places, such as hotels, cinemas, theatres, and hospitals.



Thickness (mm)	12,5 - 15 - 20 - 25 - 30
Width (mm)	1250
Length (mm)	2000
Weight (kg/m ²)	from approx. 10,7 to approx. 23
Density (kg/m ³)	approx. 800
Fire resistance rating	A2-s1,d0
Thermal conductivity (W/mK)	0,24
Water vapour resistance - μ	10/4

Knauf High-Density boards

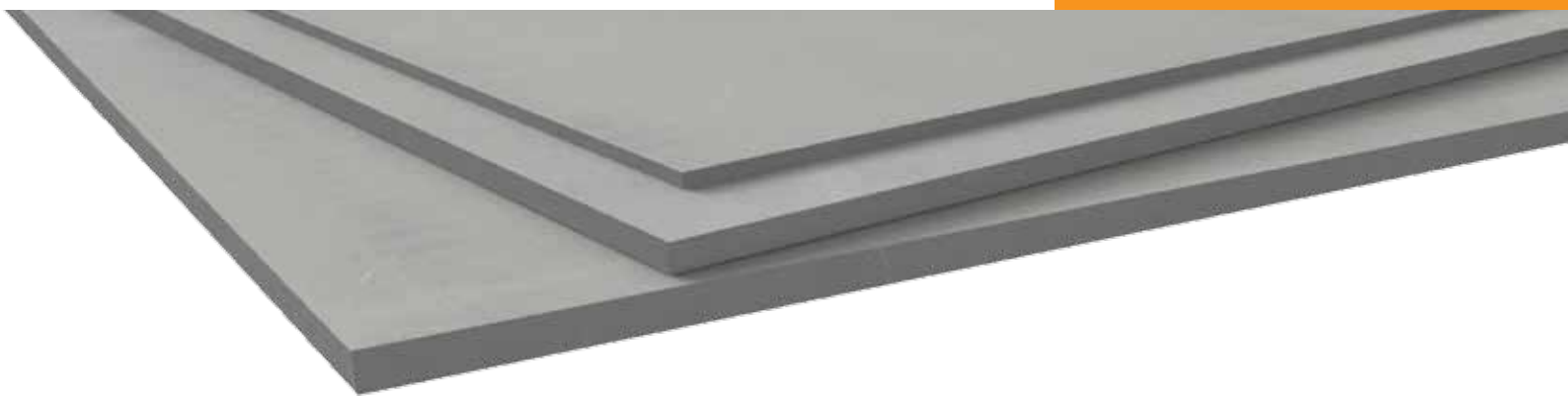


Diamant®

High-performance plasterboard suitable for both new and restored buildings. These boards meet high acoustic insulation and fire protection requirements and are perfect for humid environments.



Thickness (mm)	12,5
Width (mm)	1200
Length (mm)	2000 - 3000
Weight (kg/m ²)	approx. 13,35
Density (kg/m ³)	approx. 1000
Fire resistance rating	A2-s1,d0
Thermal conductivity (W/mK)	0,25
Water vapour resistance - μ	10/4



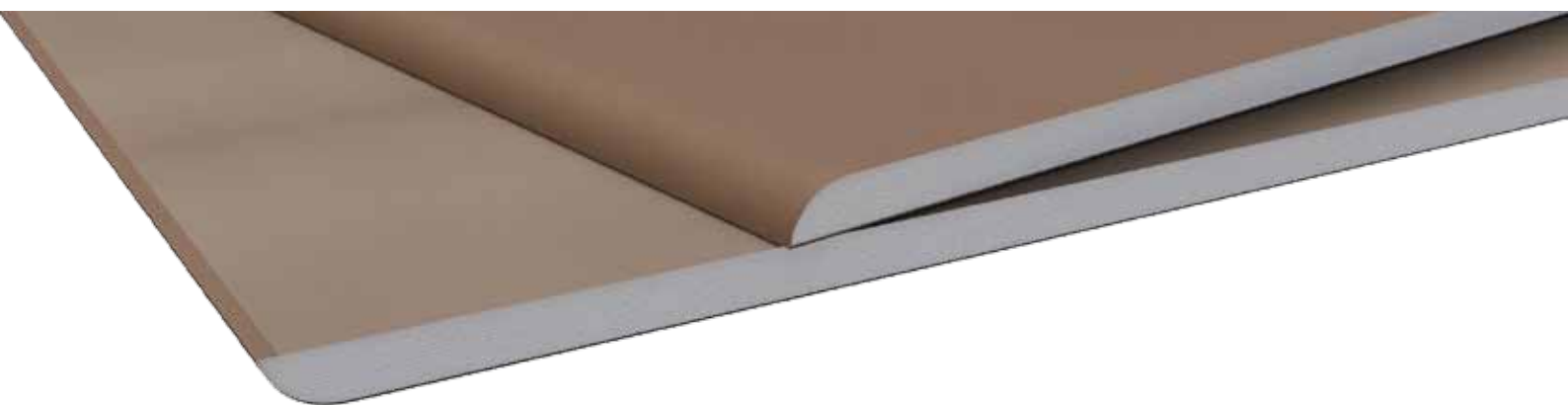
Vidiwall® XL boards

Gypsum fibreboards made of high-quality gypsum and special cellulose fibres. These very workable boards are extremely resistant and can withstand even the most demanding mechanical strains and heaviest loads.



Thickness (mm)	10 - 12,5 - 15 - 18
Width (mm)	1200
Length (mm)	from 1000 a 3000
Weight (kg/m ²)	approx. 12 - 15 - 18 - 22
Density (kg/m ³)	-
Fire resistance rating	A2-s1,d0
Thermal conductivity (W/mK)	0,30
Water vapour resistance - μ	21

Knauf Acoustic Boards



Silentboard®

GKF coated plasterboard compliant with the DIN 18180 standard and DF board compliant with the UNI EN 520 standard. Its innovative and exclusive modified gypsum core provides these boards with an extremely high soundproofing power resulting from the shifted coincidence point (acoustically more effective) and increased mass with respect to the surface.



Thickness (mm)	12,5
Width (mm)	625
Length (mm)	2400
Weight (kg/m ²)	approx. 18
Density (kg/m ³)	approx. 1400
Fire resistance rating	A2-s1,d0
Thermal conductivity (W/mK)	-
Water vapour resistance - μ	10/4

NEW

HIGHER SOUNDPROOFING POWER IN LESS THICKNESS

Diamant® - FPE

A board consisting of a 20 mm thick Knauf DIAMANT® board coupled with a 20 or 40 mm IsolFIBTEC PFT insulation panel, featuring a varying density and high thermal and acoustic insulation properties. Its quick and simple installation makes it ideal for restoration and residential applications.



Board/Insulation thickness (mm)	20/20 - 40
Width (mm)	1200
Length (mm)	3000
Weight (kg/m ²)	approx. 13,8 - 14,8
Density (kg/m ³)	-
Fire resistance rating	B-s1,d0
Thermal conductivity (W/mK)	0,25
Water vapour resistance - μ	-

In addition to those described in this catalogue, Knauf can provide a range of 27 high-performance boards to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the boards.

KNAUF FRAMEWORKS

C PLUS® frameworks, U track, C stud	39
Corner and edge protection frameworks	42
Knaufixy® bendable frameworks	42

Aesthetically pleasing, safe, and practical

All Knauf frameworks comply with the UNI EN 14195-2005 and DIN 18182 1:2007-12 product standards concerning measurements, material identification, checks, and markings. KNAUF frameworks are made of DX 51 D + Z—M/N- A-C steel with a $\geq 300 \text{ N/mm}^2$ yield strength, in compliance with the UNI EN 10346-2009 European standard, and a high-grade rating. The Zn 99% primary zinc coating complies with the UNI EN 10346-2009 standard. All framework surfaces are protected through chemical passivation and oiling during the profiling stage. KNAUF frameworks have a steel thickness of 0.6-0.7*-0.8-1.0 mm with controlled tolerance in accordance with the UNI EN 10143-2006 standard. The KNAUF MgZ profiles are made of DX 51D steel coated with a solid magnesium-zinc solution, which makes them highly corrosion-resistant and suitable for outdoor use.

*28/40/28 only

Trademarks and identification

KNAUF frameworks are marked on the flanges with an ink print that identifies the manufacturer, production plant, production data, and reference standards for both framework production and raw material conformity.

Type of frameworks and scope of application

1. Ceiling and wall lining frameworks

These frameworks are suitable for setting up ceilings and wall linings according to the indications in the KNAUF technical data sheets.

2. Partition frameworks

These frameworks are required for building single and/or multiple partitions with varying heights, according to the indications in the KNAUF technical data sheets.

3. Special frameworks

These frameworks are for ceilings, wall linings, and curved ceilings, acoustic walls, stairs, soffits, and flat and curved edge protection according to the indications in the KNAUF technical data sheets.

Packaging

KNAUF frameworks are packed in large strapped packages divided into a regular number of smaller packages. This helps simplify handling, storage, and transport operations, either with mechanical and manual means, and carry them out under safe conditions, both in the warehouse and construction site.

CE Marking (UNI EN 14195-2005)

The CE marking is required for marketing profiles for coated plasterboard systems in Europe. The marking on the profiles means: more checks on the raw materials and the quality of the zinc and steel used, and further verifications throughout the production process to meet quality parameters and test the steel's declared yield strength. The profiles are also identified through the 3 sizes of the section (flange/core/flange). Each profile bears the CE logo and information that must be declared in compliance with the UNI EN 14195-2005 standard.

Storage

Weather agents affect the durability of the protective zinc coating of Knauf frameworks. Therefore, we suggest storing them in covered and closed warehouses. Should you have to store them outdoors, place the packages slightly tilted, to allow rainwater to slide down, and protect them with suitably ventilated polyethylene sheets to prevent condensation.

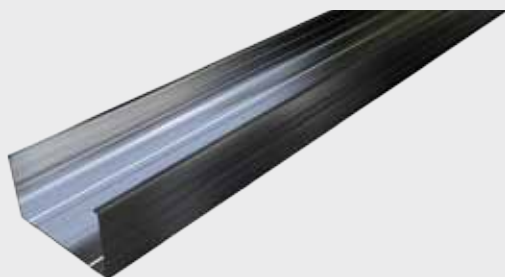
C PLUS® frameworks, U track, C stud


C Plus Profile 15/50/15

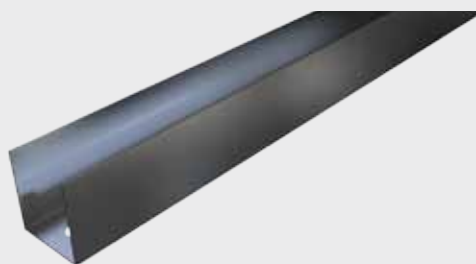
Th.	Wid.	Length	(mm)
0,6	50	3000 - 3500 - 4000 - diverse fino a 6000	


U Track Profile 30/15/30

Th.	Wid.	Length	(mm)
0,6	15	3000 - 4000	


C Plus Profile 27/50/27

Th.	Wid.	Length	(mm)
0,6	50	3000 - 3500 - 4000 - diverse fino a 6000	


U Track Profile 30/27/30

Th.	Wid.	Length	(mm)
0,6	27	3000 - 4000	


U Twist and Snap Profile 40/28/40

Th.	Wid.	Length	(mm)
0,7	28	3000 - 4000	


C Stud Profile 50/50/50

Th.	Wid.	Length	(mm)
0,6	50	3000 - 3500 - 4000 - diverse fino/oltre 6000	
0,8	50	diverse fino/oltre 6000	

C PLUS® frameworks, U track, C stud



U Track Profile 40/50/40

Th.	Wid.	Length	(mm)
0,6	50	3000 - 4000	
0,8	50	3000 - 4000	



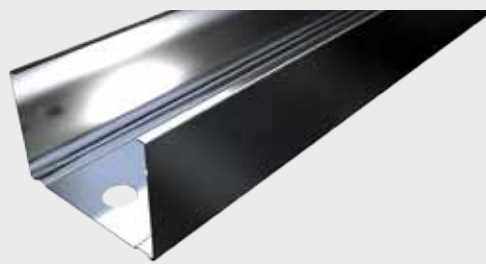
C Stud Profile 50/55/50

Th.	Wid.	Length	(mm)
0,6	55	3000 - 4000	



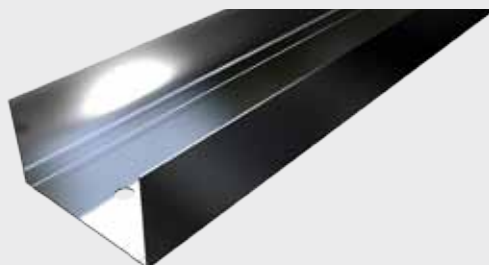
U Track Profile 40/55/40

Th.	Wid.	Length	(mm)
0,6	55	3000 - 4000	



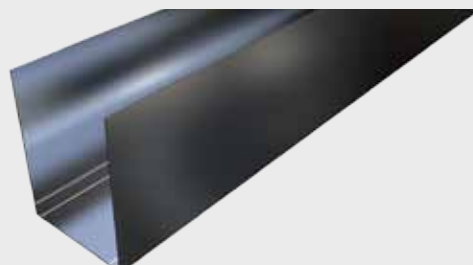
C Stud Profile 50/75/50

Th.	Wid.	Length	(mm)
0,6	75	2800 - 3000 - 3500 - 4000 - fino/oltre 6000	
0,8	75	diverse fino/oltre 6000	
1,0	75	diverse fino a 8000	



U Track Profile 40/75/40

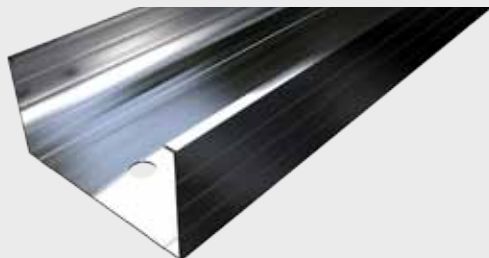
Th.	Wid.	Length	(mm)
0,6	75	3000 - 4000	
0,8	75	3000 - 4000	



U Track Profile 100/75/100

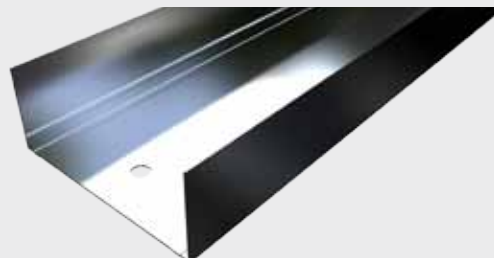
Th.	Wid.	Length	(mm)
1,0	75	3000	

C PLUS® frameworks, U track, C stud



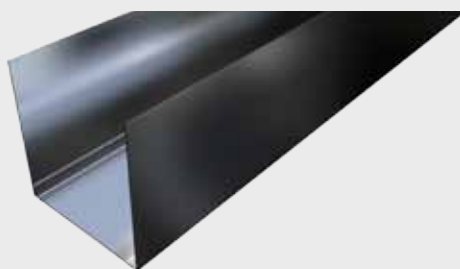
C Stud Profile 50/100/50

Th.	Wid.	Length	(mm)
0,6	100	3000 - 4000 - fino/oltre 6000	
0,8	100	diverse fino/oltre 6000	
1,0	100	diverse fino a 8000	



U Track Profile 40/100/40

Th.	Wid.	Length	(mm)
0,6	0100	3000 - 4000	
0,8	1000	3000 - 4000	



U Track Profile 100/100/100

Th.	Wid.	Length	(mm)
1,0	100	3000	

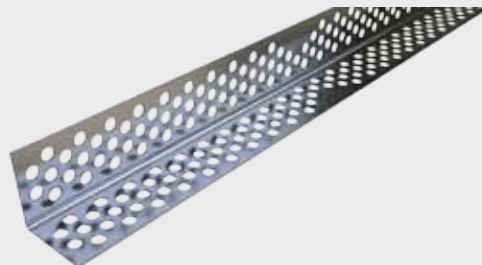
In addition to those described in this catalogue, Knauf can provide a range of 47 high-performance frameworks to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the frameworks.

Orditure Angolare e Praspigolo



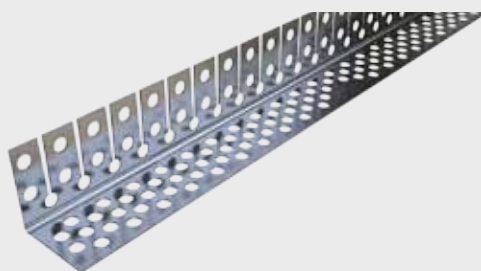
L-shaped corner profile

W x H	Th.	Length	(mm)
30x30	0,6	3000	
40x40	0,6	3000	
50x50	0,6	3000	



L-shaped edge protection profile

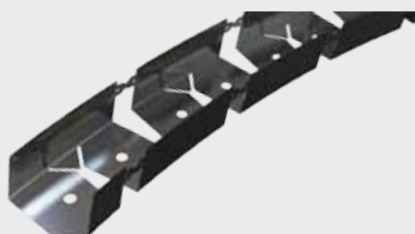
W x H	Th.	Length	(mm)
31x31	0,6	3000	
27x27	0,5	3000	



Curved edge protection profile

W x H	Th.	Length	(mm)
30x31	0,5	3000	

Knaufixy® bendable frameworks



Knaufixy-GK 50

Profile	Th.	Wid.	Length	(mm)
Guida a U curvabile 50/36	0,6	50	3000	

In addition to those described in this catalogue, Knauf can provide a range of 47 high-performance frameworks to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the frameworks.

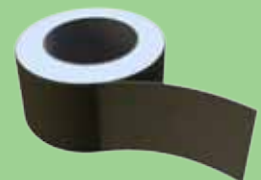
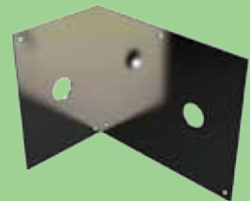
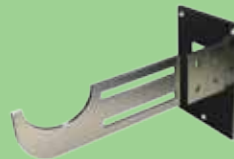
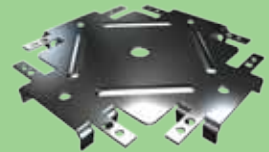
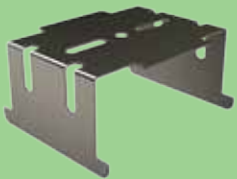


KNAUF ACCESSORIES

Framework Accessories	46
Accessories for Knaufixy profiles	48
Self-drilling screws and fixings	48
Plastering accessories	50
Insulating and sealing tapes	50
Access panels	51
Retractable door frame	51
Knauf KV ^{ABS} prefabricated windows	51
Accessories for sanitary systems	52
Accessories for electrical systems	52
Penetrations	53
Tools	53



A full range for a job well done



Framework Accessories



**Double-base
orthogonal
connecting hanger**
for C Plus profiles
50/27 · 60/25



Spacer clip
for C Plus profiles 50/27
· 60/25
for ceilings and wall linings
th. 1.0 mm



Linear Joint
for U twist and
snap profiles 40/28



Hanger with spring
for C Plus profiles 50/15 ·
50/27 · 60/25 for
suspended ceilings
exceeding 12 cm
th. 1.2 mm



Straight hanger
for C Plus profiles 50/15 ·
50/27 · 60/25
5 MA hole
th. 1.2 mm



**Universal acoustic
bracket**
with an M6 female
connector



Silent hanger
for high acoustic insulation
suspended ceilings with a
spring for C Plus profiles
50/15 · 50/27 · 60/25
th. 1.2 mm



**Ø 4 closed-end eyelet
wire hanger**
for hangers with spring
Length:
120/250/375/500/750/
1000/1500/2000 mm



Ø 4 adjustment spring
for double wire hangers



**Clip for M6
threaded bar**
on h-beam 3-8 / 8-13 mm
with support



Stalfix clamp
for hanging C Plus
profiles to an h-beam
min 5 - max 17 mm

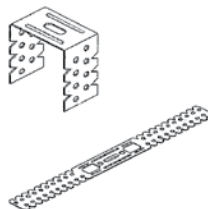


Single spaced hanger
5 mm Ø 6 MA for C Plus
profiles 50/15 · 50/27
· 60/25 th. 1.2 mm for
ceilings and wall linings

Framework Accessories



Single spaced hanger
for C Plus profiles 50/27
- 60/25 20/25/30/35
mm 6 MA hole
th. 1.0 mm



Universal spacer
0-12 cm



Wire hanging system
for large lights on the
upper/lower part



Upper bracket
for fixing the lintel for
slotted U profiles
75/40 - 100/40
th. 2.0 mm



**Spring/Nonius
hanger 60/27**



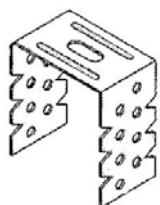
**Flush orthogonal joint
C 60/27**



**Orthogonal connecting
hanger C 60/27**



**Linear joint
C 60/27**



**50 mm bent
universal spacer
C 60/27**



**120 mm non-bent
universal spacer
C 60/27**



Fixing clip C 60/27



Spacer clip C 60/27

In addition to those described in this catalogue, Knauf can provide a range of 50 high-performance accessories to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the accessories.

Accessories for Knaufixy® profiles



**Curved
edge protection**
PVC and paper

Self-drilling screws and fixings



V.R. nail tip screws
Ø 3,5 - 25/35/45/55 mm



**Self-drilling
phosphated 212 nail
tip screws**
Ø 3,9 - 25/35/55 mm
Ø 4,2 - 70 mm
Ø 4,8 - 90 mm



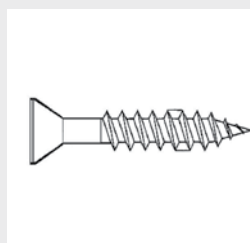
Washer head screw
galvanised 4.2x12.7
self-drilling nail tip screw



Washer head screw
galvanised 4.2x12.7
self-drilling teks screw



Special screws
for fixing Vidiwall boards
to timber studs
30/45 mm



Special screws
for fixing Vidiwall boards
to sheet metal studs
25/40 mm



Universal nylon plug
Ø 8x52 mm



Universal nylon plug
with TPS particle
board screw
Ø 6x45 mm
Ø 8x52 mm

Self-drilling screws and fixings



Rounded flat head plug
Ø 5x25 mm - Ø 6x30 mm



Metal plug
M5 Molly expansion plug for 12.5/25 mm thick boards; M6 for 12.5/25 mm thick boards; M6 th. 38-50 mm



Rounded flat head plug
Ø 6x40 mm - Ø 6x60 mm
Ø 6x80 mm



Expansion plug
without rim approx. 0.1
Ø 6x30 mm



Expansion plug
with flared head screw
Ø 6x30 mm - Ø 8x50 mm
Ø 10x60 mm



Metal plug
with nail Ø 6x40 mm -
Ø 6x50 mm

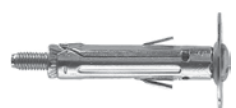
FIREPROOF
FOR SUSPENDED LOADS



Galvanised steel plug
with nut and washer
M8x75 mm



Galvanised steel plug
with eyelet M6x63 mm



Steel plug with a TSC combination screw
Expansion plug
Ø 8x40 mm

FIREPROOF



Self-drilling plug



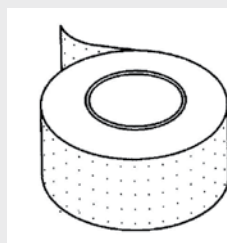
Butterfly anchor
with hanger
M5x80 mm

In addition to those described in this catalogue, Knauf can provide a range of 34 high-performance screws and fixings to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the screws and fixings.

Plastering accessories



Micro perforated tape
for joint covers



Kurt micro perforated tape
for joint covers



Mesh tape - Top Quality
for joint covers



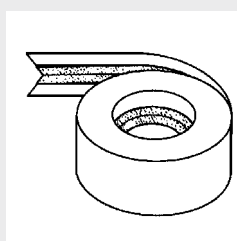
Glass fibre tape
For Fireboard joint reinforcement



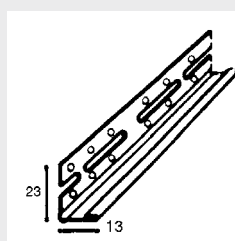
Flaechendichtband
Waterproofing tape for Knauf boards



Trennfix
single-sided adhesive tape for precision plastering in corners between coated plasterboard and masonry



Aluzink tape



Galvanised steel edge protection
23/13 mm

In addition to those described in this catalogue, Knauf can provide a range of 11 high-performance plastering accessories to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the plastering accessories.

Insulating and sealing tapes



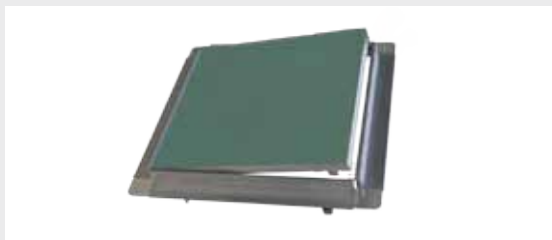
Mono and biadhesive tape
th. 4 mm



White and transparent acrylic sealant
paintable

In addition to those described in this catalogue, Knauf can provide a range of 7 high-performance insulating and sealing tapes to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the insulating and sealing tapes.

Access panels

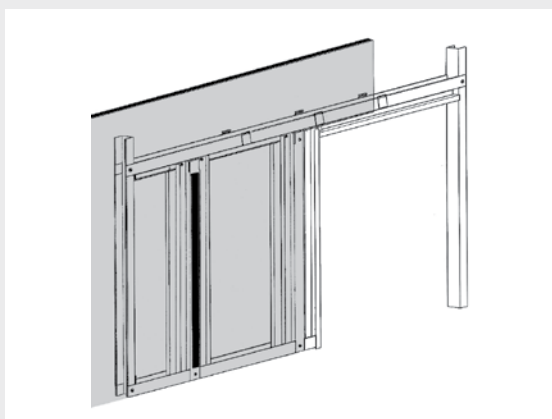


Open access panels

for walls and ceilings with Idrolastra GKI (H) boards
th. 12.5 mm
200x200/300x300/400x400/500x500/600x600 mm

In addition to those described in this catalogue, Knauf can provide a range of 12 high-performance access panels to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the access panels.

Retractable door frames



Knauf KT 75 door frame

U track profile 75 mm - length 1000 mm, width 2100 mm

Knauf KT 100 door frame

U track profile 100 mm - length 1000 mm, width 2100 mm

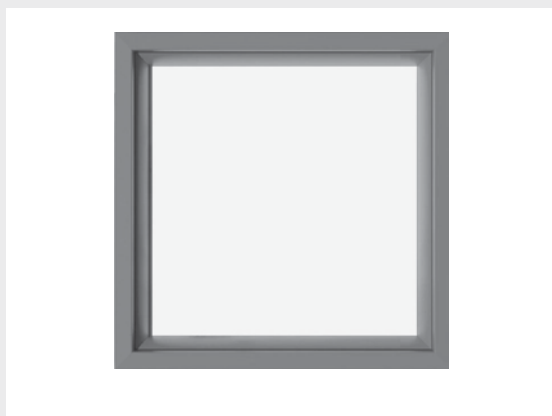
Spare carriage for single door 2nd SERIES

Spare dust-stop brush black

Simultaneous opening kit for double door max 2000 mm clearance

In addition to those described in this catalogue, Knauf can provide a range of 7 high-performance frames to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the frames.

Knauf KV^{ABS} prefabricated windows



Assembly kits for KNAUF W111 and W112 walls

minimum wall thickness: 100 mm
maximum wall thickness: 125 mm

White frame

with 6/7 Visarm safety glass
Unit size: 995x995 mm
Hole size: 1000x1000 mm
Finished window size: 1050x1050 mm

Length 1050 mm, width 1050 mm

In addition to those described in this catalogue, Knauf can provide a range of 3 high-performance windows to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the windows.

Accessories for sanitary systems



MT 330 universal support
adjustable and pre-assembled for C profiles 50-75-100 with 600 mm spacing. Equipped with a 20 cm high multilayer wooden table, and a galvanised sheet metal frame



MT 310 bidet support
adjustable and pre-assembled galvanised support for walls with double box-like C studs



MT 270 rubber seal
Universal profile
th. 5 mm density 50 kg/mc;
to place between the sanitary fittings and the coating. Accessory for MT 300 and MT 310



MT 320 washbasin support
adjustable and pre-assembled galvanised support for walls with double box-like C studs



MT 300 supporto WC sospeso
zincato preassemblato per pareti con doppio montante a C scatolato

In addition to those described in this catalogue, Knauf can provide a range of 20 high-performance accessories for sanitary systems to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the accessories for sanitary systems.

Accessories for electrical systems



3-module switch box
depth: 45 mm
drilling template: 67 mm



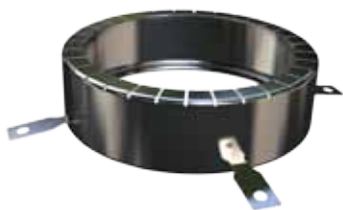
Box cover
to create a junction box



Box cover
to create a 12 DIN module
IP40 control unit

In addition to those described in this catalogue, Knauf can provide a range of 9 high-performance accessories for electrical systems to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the accessories for electrical systems.

Penetrations



F-Collar® fire protection collar for sealing flammable pipes

Made of galvanised steel sheet and coated with a graphite-based intumescent material on the inside. Diameter: 40/50/63/75/90/100/110/125/140/160/200 mm

EI 120



F-Bag® fire protection bags EI 120

made with a mixture of graphite-based granular intumescent material and lined with a glass fibre bag on the outside. th. 30 mm



F-Sleeve®

A sleeve made of intumescent mineral fibre to protect wall penetrations from fire. Length 300 mm

Ø 42 EI120

Ø 54/60/76/89/102/108/127/140/159 EI90

In addition to those described in this catalogue, Knauf can provide a range of 7 high-performance penetrations to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the penetrations.

Tools



Board lifter

equipped with an adjustable clutch for moving up and down slopes. Its base has wide wheels. Max. height: 4 m.



Board cutter

This tool allows you to cut the boards up to a maximum length of 60 cm.

In addition to those described in this catalogue, Knauf can provide a range of 85 high-performance tools to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the tools.

KNAUF PLASTERS

Fugenfüller	57
Uniflott	57
Sheetrock All Purpose	58
Sheetrock Finitura	58
F2F - Filler to Finish	58
Perlfix adhesive	59

A full range for impeccable finishes



Raising the bar

In the paragraph concerning surface quality, the new UNI 11424 standard on the installation of drywall construction systems establishes four levels of jointing and finishing plasterboard surfaces before applying specific decorative solutions.

The surface quality level classification of wall and ceiling surfaces varies according to the final decoration being applied, and it can also depend on their location inside a building or exposure to light.

From quality level Q1 (the lowest) to Q4 (the highest), Knauf has developed the widest finishing range for surfaces created with drywall systems with products of the highest quality standards.

Fugenfüller



Plaster with gypsum-based binders for joint finishing. A ready-to-mix powder mixed only with water. No lumps. Excellent adhesive properties.

Working time

Fugenfüller 30:	30'
Fugenfüller Leicht:	60'
Fugenfüller 120:	120'

Features

- A1 fire resistance rating
- Ready-to-use powder
- Gypsum-based
- It mixes easily
- No lumps
- Drying time: 7 to 12 hours
- High water absorption capacity

Advantages

- High filling capacity
- Super easy to apply
- High yield
- Optimal setting time
- Flawless jointing and finishing

Packaging: 5 kg - 10 kg

Uniflott



Uniflott: High-resistance powdered plaster for joint finishing. Easy to prepare and use.

Uniflott Idro: High-resistance powdered plaster for finishing joints on Idrolastra GKI boards. Once mixed with water, the product becomes green. Its features are similar to Uniflott's but with higher moisture resistance. Suitable for humid environments on GKI (H) boards.

Features

- A1 fire resistance rating
- Ready-to-use powder
- Gypsum-based
- It mixes easily
- No lumps
- It dries quickly
- Can be sanded
- High water absorption capacity

Advantages

- High yield
- Quick, easy, and effortless plastering
- High filling capacity
- High mechanical strength

Packaging:

Uniflott: 5 kg - 25 kg
Uniflott Idro: 5 kg

Sheetrock All Purpose



Ready-to-use paste plaster for jointing (Q2) and finishing full surfaces (Q3, Q4). Pre-mixed compound made of dolomite, mica, talc, attapulgit, and ethylene. 25% lighter than traditional plasters for increased productivity and less effort. CE A3 marking, in compliance with the UNI EN 13963 standard.

Features

- A2-s1,d0 fire resistance rating
- Specifically formulated for professional drywall finishing
- Superior work quality
- No air bubbles.

Advantages

- High-performance plaster
- Excellent workability
- Higher smoothness
- Easy to sand
- Excellent working time

Packaging: 6 kg - 25 kg

Sheetrock Finish



The Sheetrock Finish pre-mixed compound allows you to obtain a smooth finish for your interiors. It features excellent workability and application time and ensures an extremely smooth surface with great adhesive properties on coated plasterboards, plaster, concrete, and masonry.

Features

- A2-s1,d0 fire resistance rating
- Great adhesive properties on coated plasterboards, plaster, concrete, and masonry.
- Extremely easy to sand

Advantages

- Extremely smooth finish
- Low paint absorption
- Can be applied to various surfaces (plasterboard, concrete, and masonry)
- Excellent application time

Packaging: 25 kg

F2F - Filler to Finish



Ready-to-use paste plaster for jointing and finishing surfaces. Excellent workability and yield. A compound consisting of a synthetic binder and a mix of fixing agents with thin calcium carbonate fillers.

Features

- A2-s1,d0 fire resistance rating
- No waiting and maturing time
- Hand or machine application

Advantages

- Soft texture
- Extremely easy application
- Long working time
- Good filling capacity
- Easy to sand
- Excellent adhesive properties

Packaging: 5 kg - 20 kg

Perlfix adhesive



An adhesive with gypsum-based binders for bonding Knauf regular and Isolastra® boards. Easy to use and with a working time of approximately 30 minutes.

Scope of application

Knauf Perlfix is intended for the following applications:

- Bonding Knauf boards to masonry or concrete
- Bonding Knauf Isolastra boards to expanded polystyrene (PSE), extruded polystyrene (XPS), mineral wool (LM), and polyester fibres (FPE)
- Bonding insulation materials in general

Packaging: 25 kg

In addition to those described in this catalogue, Knauf can provide a range of 10 high-performance plasters to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the plasters.

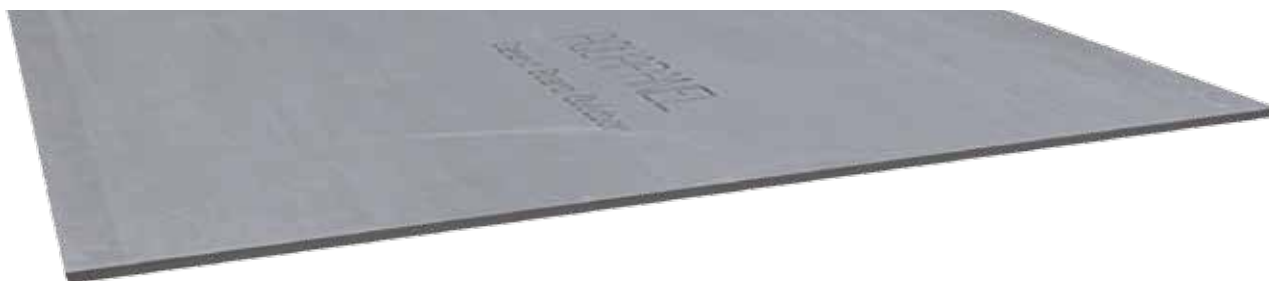
KNAUF AQUAPANEL® SYSTEM

Cement boards	Aquapanel® Outdoor	62
	Aquapanel® Indoor	62
Accessories and plasters	Accessories and plasters for exteriors	63
	Accessories and plasters for interiors	64
	PVC profiles	65
Paints	Pigmented primer	65
	Conni S water-repellent silicone plaster	65
Frameworks	MgZ® E® frameworks	66

Water and moisture-resistant



Cement boards

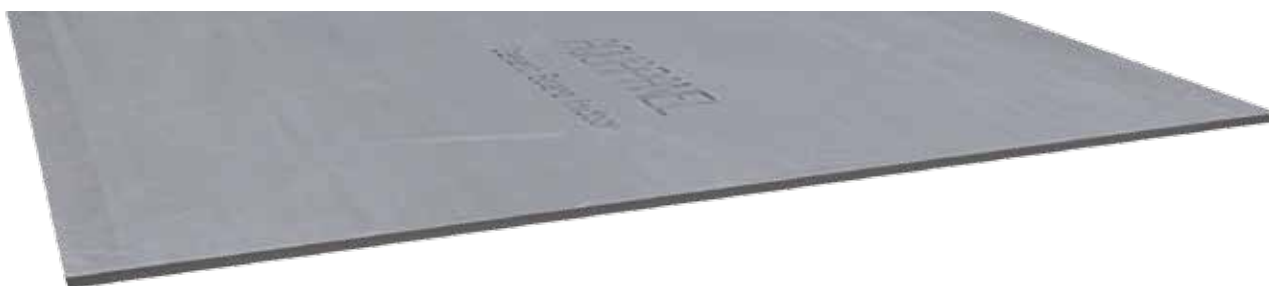


Aquapanel® Outdoor

Cement board with reinforcement mesh on the two surfaces. Lightweight, very workable, and suitable for outdoor use. These boards allow you to build with drywall system techniques, ensuring high quality. A great alternative to traditional construction methods.



Thickness (mm)	12,5
Width (mm)	1200
Length (mm)	1200 - 2000 - 2400
Weight (kg/m²)	approx. 16
Density (kg/m³)	approx. 1050
Fire resistance rating	A1
Thermal conductivity (W/mK)	0,35
Water vapour permeability	66



Aquapanel® Indoor

This cement board provides strong and stable support for laying ceramic coverings, ensuring performance advantages even in humid environments.



Thickness (mm)	12,5
Width (mm)	1200
Length (mm)	1200 - 2000 - 2400
Weight (kg/m²)	approx. 15
Density (kg/m³)	approx. 1050
Fire resistance rating	A1
Thermal conductivity (W/mK)	-
Water vapour permeability	50

Accessories and plasters for exteriors



Aquapanel® Maxi SN screws with HS tip
special corrosion-resistant screws with an HS tip for profiles with a thickness of up to 0.7 mm



Aquapanel® Maxi SB TEKS screws
special corrosion-resistant screws with a TEKS tip for profiles with a thickness ranging from 0.8 to 2 mm



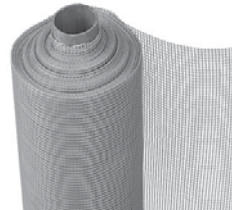
Aquapanel® Tyvek® StuccoWrap™
breathable waterproof fabric



Aquapanel® Joint Filler Grey
cement-based joint filler. Colour: grey



Aquapanel® Exterior Reinforcing Tape
special mesh tape to be applied between boards.
Mesh: 4x4 - 160 g/m²
Alkali-resistant



Glass fibre reinforcement mesh
50 m² roll
mesh: 5x5 - 200 g/m²
Alkali-resistant



Aquapanel® Exterior Basecoat
cement-based exterior finishing.
Hand or machine application



Aquapanel® Exterior Primer
For outdoor use

In addition to those described in this catalogue, Knauf can provide a range of 16 high-performance accessories to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the accessories.

Accessories and plasters for interiors



AquaPanel® Joint Adhesive (PU)
polyurethane adhesive
for jointing interior walls.
Cartridge size: 310 ml



AquaPanel® Maxi SN screws with HS tip
special corrosion-resistant
screws with an HS tip for
profiles with a thickness
of up to 0.7 mm



AquaPanel® Maxi SB TEKS screws
special corrosion-resistant
screws with a TEKS tip for
profiles with a thickness
ranging from 0.8 to 2 mm



AquaPanel® Tyvek® StuccoWrap™
breathable waterproof
fabric



AquaPanel® Joint Filler & Skim Coating White
Cement-based interior powder
finishing. Smooth finish.
Colour: white



Glass fibre reinforcement mesh
alkali-resistant, 160 g/m²
55 m² roll mesh: 4x4



AquaPanel® Interior Primer
for indoor use

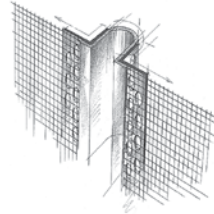


AquaPanel® Q4 Finish
cement-based interior paste
finishing. Smooth finish.
Colour: white

PVC profiles



Mesh PVC edge protection 160 g/m²
alkali-resistant
with 80/120 mm and
100/150 mm mesh



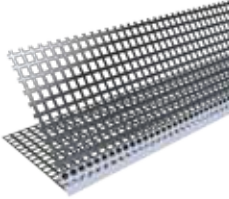
PVC and rubber joint cover
for expansion joints of
5 to 40 mm.
Alkali-resistant



PVC joint cover
with a ledge for rendering
for joints of 10 to 40 mm.
Alkali-resistant



PVC corner joint cover
with a ledge for rendering
for joints of 10 to 40 mm.
Alkali-resistant



PVC drip cap
for doors, windows, and
balconies. Alkali-resistant



PVC arch profile
alkali-resistant



PVC bendable edge protection profile for variable corners
alkali-resistant

Paints



Pigmented primer
for uniforming surfaces.
Tub size: 14 litres



Conni S pigmented water-repellent silicone plaster. Grain size: 1.2/1.5 mm
algae-resistant, fibre-enhanced. Tub size: 25 kg

In addition to those described in this catalogue, Knauf can provide a range of 3 high-performance paints to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the paints.

MgZ® E® frameworks



MgZ® C Plus Profile 27/50/27

Th.	Wid.	Length.	(mm)
0,6	50	3000 - 4000	



MgZ® U track profile 30/27/30

Th.	Wid.	Length.	(mm)
0,6	27	3000	



MgZ® U Twist and Snap Profile 40/28/40

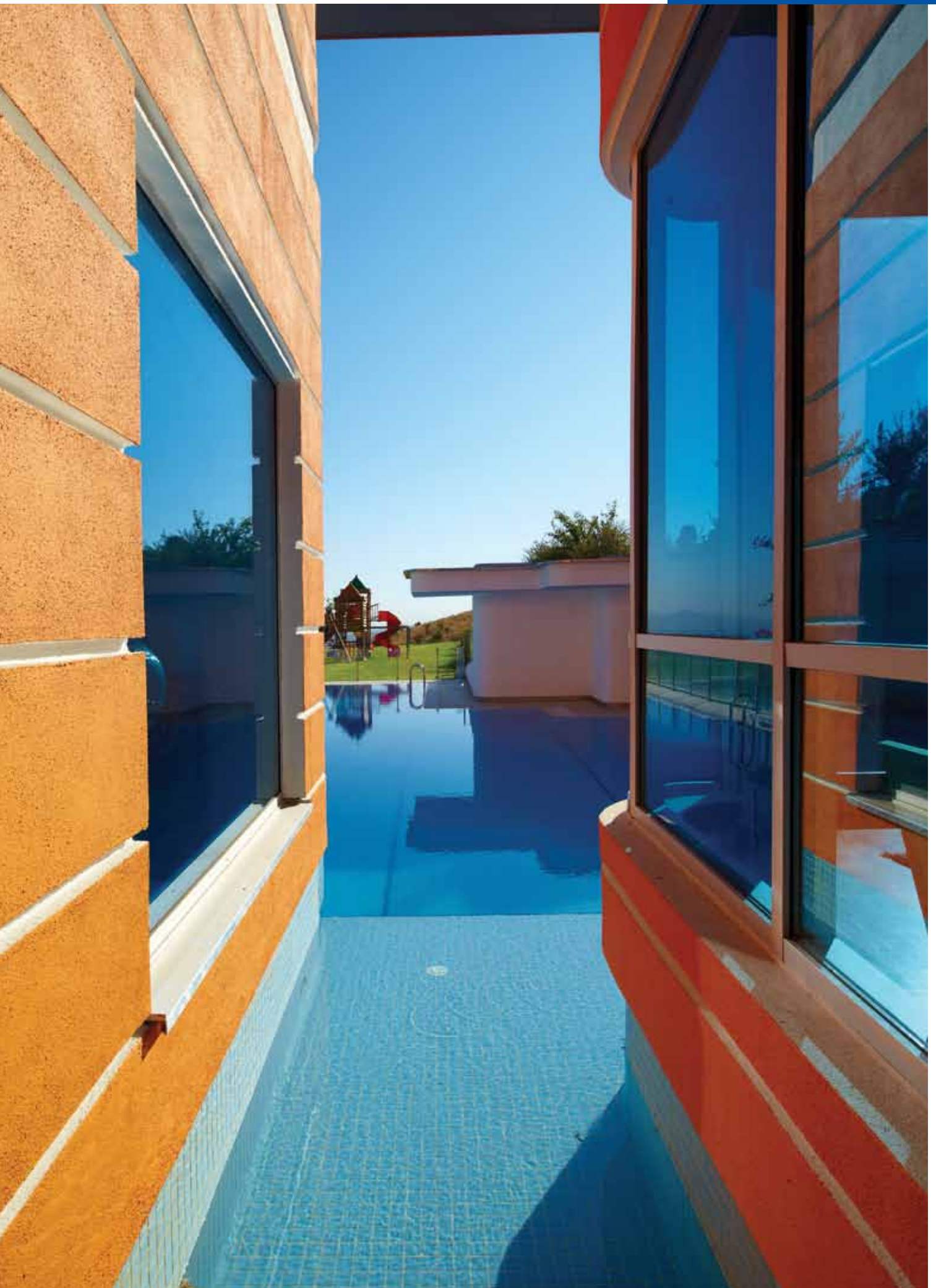
Th.	Wid.	Length.	(mm)
0,8	28	3000 - 4000	



MgZ® C Profile 50/50/50

Th.	Wid.	Length.	(mm)
0,6	50	3000 - 4000 - diverse fino/oltre 6000	
0,8	50	3000 - 4000 - diverse fino/oltre 6000	

In addition to those described in this catalogue, Knauf can provide a range of 17 high-performance frames to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the frameworks.



KNAUF WALL INSULATION SYSTEM

Insulation panels	Grey EPS 70 panel	70
	Grey EPS 100 panel	70
	White EPS 100 panel	71
	White EPS 120 panel	71
	White EPS 200 panel	71
	Rockwool panel	72
Finishes and adhesives	SM 700	73
	SM 780	73
	SM 300	73
Paints	Pigmented primer and basecoats	73
	Addi S acrylic plaster and basecoats	73
	Conni S water-rep. sil. plaster and basecoats	73
	Water-rep. sil. quartz paint and basecoats	73
Accessories	Accessories for the Thermal Insulation System	74

Advanced protection and comfort



Insulation panels



Grey EPS 70 panel

Grey thermal insulation panel made of sintered polystyrene foam. This innovative graphite-enhanced product allows for high thermal insulation with reduced thickness, thanks to its low thermal conductivity.

Thickness (mm)	from 30 to 200
Width (mm)	500
Length (mm)	1000
Weight (kg/m ²)	from 0,24 to 1,60
Density (kg/m ³)	-

Grey EPS 100 panel

Grey thermal insulation panel made of sintered polystyrene foam. This innovative graphite-enhanced product allows for high thermal insulation with reduced thickness, thanks to its low thermal conductivity.

Thickness (mm)	from 30 to 200
Width (mm)	500
Length (mm)	1000
Weight (kg/m ²)	from 0,29 to 1,90
Density (kg/m ³)	-

Insulation panels



White EPS 100 panel

Self-extinguishing thermal insulation panel of varying thickness made of sintered polystyrene foam. Suitable for exterior insulation systems for thin plaster façades. Made of high-quality raw materials and obtained from blocks.

Thickness (mm)	from 30 to 200
Width (mm)	500
Length (mm)	1000
Weight (kg/m ²)	from 0,29 to 1,90
Density (kg/m ³)	-

White EPS 120 panel

Self-extinguishing thermal insulation panel of varying thickness made of sintered polystyrene foam. Suitable for exterior insulation systems for thin plaster façades. Made of high-quality raw materials and obtained from blocks.

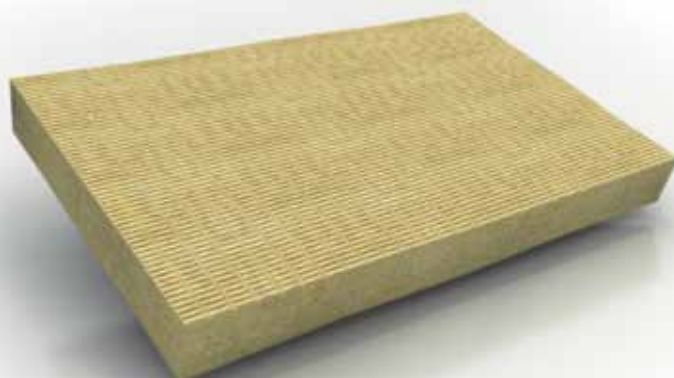
Thickness (mm)	from 30 to 200
Width (mm)	500
Length (mm)	1000
Weight (kg/m ²)	from 0,32 to 2,10
Density (kg/m ³)	-

White EPS 200 panel

Self-extinguishing thermal insulation panel of varying thickness made of sintered polystyrene foam. Suitable for exterior insulation systems for thin plaster façades. Made of high-quality raw materials and obtained from blocks.

Thickness (mm)	from 30 to 200
Width (mm)	500
Length (mm)	1000
Weight (kg/m ²)	from 0,44 to 2,80
Density (kg/m ³)	-

Insulation panels



FKD-S C1 rockwool panel

Non-flammable mineral rockwool panel for wall insulation systems, with an improved adhesive surface on one or both sides. This water-repellent, sound-absorption, and age-resistant panel features excellent thermal and acoustic insulation and vapour diffusion properties.

Thickness (mm)	from 60 to 200
Width (mm)	625
Length (mm)	800
Weight (kg/m ²)	from 3,3 to 11
Density (kg/m ³)	110

FKD-T FB C2 rockwool panel

Non-flammable mineral rockwool panel for wall insulation systems, with an improved adhesive surface on one or both sides. This water-repellent, sound-absorption, and age-resistant panel features excellent thermal and acoustic insulation and vapour diffusion properties.

Thickness (mm)	from 100 to 200
Width (mm)	200
Length (mm)	1200
Weight (kg/m ²)	from 2,64 to 5,28
Density (kg/m ³)	105

FKD-T C2 rockwool panel

Non-flammable mineral rockwool panel for wall insulation systems, with an improved adhesive surface on one or both sides. This water-repellent, sound-absorption, and age-resistant panel features excellent thermal and acoustic insulation and vapour diffusion properties.

Thickness (mm)	from 120 to 200
Width (mm)	400
Length (mm)	1200
Weight (kg/m ²)	from 6,34 to 10,56
Density (kg/m ³)	105

FKD-U RS C2 rockwool panel

Non-flammable mineral rockwool panel for wall insulation systems, with an improved adhesive surface on one or both sides. This water-repellent, sound-absorption, and age-resistant panel features excellent thermal and acoustic insulation and vapour diffusion properties.

Thickness (mm)	20 - 30
Width (mm)	625
Length (mm)	800
Weight (kg/m ²)	1,10 - 1,65
Density (kg/m ³)	105

Finishes and adhesives



SM 700 grey
fibre-reinforced
render/adhesive.
Grain size: 1.2 mm
25 kg



SM 780 grey
fibre-reinforced
render/adhesive.
Grain size: 0.8 mm
25 kg



SM 700 Pro white
fibre-reinforced
render/adhesive.
Grain size: 1.2 mm
25 kg



SM 780 Pro white
fibre-reinforced
render/adhesive.
Grain size: 0.8 mm
25 kg



SM 300 grey
render/adhesive for wall
insulation systems.
Grain size: 1.0 mm
25 kg

Paints



Pigmented primer
for uniforming surfaces
Tub size: 14 litres



Addi S acrylic plaster
anti-algae, fibre-enhanced
Tub size: 25 kg



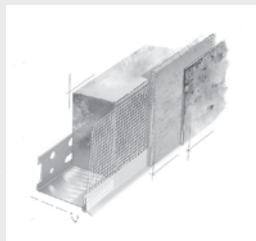
**Conni S pigmented
water-repellent
silicone plaster**
anti-algae, fibre-enhanced
Tub size: 25 kg



**Pigmented
water-repellent
silicone quartz paint**
Tub size: 14 litres

In addition to those described in this catalogue, Knauf can provide a range of 16 high-performance paints to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the paints.

Accessories



**Aluminium
starting profile**
from 30 to 200 mm



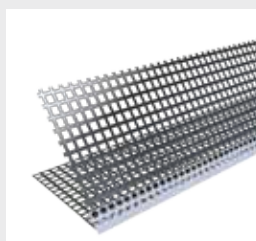
Nailable universal plug
with a steel nail and a
synthetic mounting pin
from 95 to 255 mm



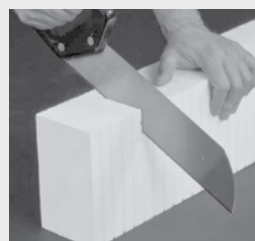
**Special white EPS
STR washer**
to be used with STR U 2G
and STR H plugs.
Recessed mounting



Special STR 2G TOOL
for sinking STR U 2G and
STR H plugs



PVC drip cap
for doors, windows, and
balconies. Alkali-resistant



EPS mounting block
20 mm grid spacing for
fixing light loads.
Dim.: 100x100 mm or
160x100 mm



**SPEWE 890 SL-230
V270748 cutter**
Hot wire cutter with tilting
foot. Transformer and
plastic case included.
Spare parts upon request



**Reinforcing Mesh
160 gr/m²**
glass fibre reinforcement
mesh - 55 m roll.
Mesh: 4x4
alkali-resistant



**Reinforcing Mesh
200 gr/m²**
glass fibre reinforcement
mesh - 50 m roll.
Mesh: 5x5
alkali-resistant

In addition to those described in this catalogue, Knauf can provide a range of 51 high-performance accessories to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the accessories.



KNAUF PLASTERS AND FINISHES

LE 350 BIOLITE	77
SM 700	77
Velvet	77
SM 780	77



Knauf plasters and finishes



LE 350 BIOLITE

lightweight pre-mixed
thermo-acoustic filling primer
with natural expanded perlite
Bag size: 13 kg



SM 700 grey

fibre-reinforced
render/adhesive.
Grain size: 1.2 mm
Bag size: 25 kg



SM 780

dry, water-repellent lime-cement
mineral mortar enhanced with
different types of fibre.
For rendering. Grain size: 0.8 mm.
Bag size: 25 kg



Velvet - Velvet M

pre-mixed gypsum-lime finishing
compound for interiors
Recommended for obtaining
smooth "velvet effect" surfaces
in high-end residential settings.
Bag size: 25 kg

In addition to those described in this catalogue, Knauf can provide a range of high-performance plasters and finishes to meet any construction requirement. Refer to the full Knauf catalogue and price list for the features and technical data of all the plasters and finishes.

TERMS AND CONDITIONS OF SALE

1. GENERAL RULES

Offers, orders, and deliveries are subject to our terms and conditions of sale. The Purchaser is bound to said terms and conditions of sale pursuant to articles 1341 and 1342 of the Italian Civil Code. Special exceptions cannot be applied unless expressly accepted by the Management of the Selling Company in writing.

2. SUPPLIES

Prices and all other terms and conditions contained in this document refer to materials supplied and invoiced by Knauf di Lothar Knauf S.a.s., with headquarters in Castellina M.ma (Pisa) - Via Livornese, 20 - 56040. The Seller reserves the right to make changes to the terms and conditions of sale and retail prices at any time and without prior notice, based on the changes in the market conditions and costs (production, workforce, transport, etc.) or for any other reason.

3. OFFERS AND PRICES

A) In accordance with section 2) of this document, our offers are not binding and do not imply any obligation for Knauf to transform them into orders and process them as such.

B) Order proposals must be sent to the Seller directly or through the seller's sales agents. In either case, the Seller reserves the right to accept or modify them at its discretion. Only the Management's confirmation or the actual execution of the order can be considered the fulfilment of the contractual relationship regulated by these terms and conditions of sale.

C) The prices included in the price lists in force at the time of the order confirmation or its execution will be applied.

4. PAYMENT TERMS

A) The supplies must be paid either in cash or the other payment methods within the terms indicated in the invoice and directly to the Seller's address. The issuing of promissory notes or the transfer of bills of exchange are excluded.

B) The delayed payment of the invoices authorises the Seller, without prejudice to any other further action, to charge an interest rate calculated in accordance with articles 4 and 5 of Italian Legislative Decree No. 231 of 9 October 2002 (Implementation of Directive 2000/35/EC on combating late payment in commercial transactions) starting from the date of the missed deadline. By signing these terms and conditions of sale, the Purchaser expressly accepts said interest rate. All this without prejudice to the Seller's right, following a written warning to fulfil the contractual obligations within 15 days from receipt of said warning, and in the absence of said fulfilment, to terminate the contractual relationship, cancel the execution and

shipment of the remaining orders, and demand the upfront payment of the remaining invoices. The Purchaser will not be entitled to claim damages or compensation for any reason.

C) It is hereby clarified that the Seller will not accept any payment method other than those established and agreed upon.

D) In the event of a discount granted for cash payments, said discount will be valid only if the Seller receives the balance of the invoices no later than 8 days after their issuing. This discount will be applied to the amount of the invoice, except transport and packaging. After this deadline, the discount will be cancelled and the normal amount will be charged.

E) In the event of negative information (e.g. protested payments, execution proceedings against the debtor, etc.) or changes to the client's balance sheet, the Seller is entitled to consider all pending payments as immediately due, whatever their original deadline, or to demand special guarantees for future payments (art. 1186 of the Italian Civil Code). Pursuant to art. 1461 of the Italian Civil Code, the Seller reserves the right to cancel or suspend the supply in the event of changes to said conditions. In such a case, the Purchaser will not be entitled to any claim for damages or compensation, nor will Knauf be held liable.

5. DELIVERIES

The delivery terms must be indicated in the order confirmation and, in any case, are not to be considered essential or binding for Knauf. However, the Seller undertakes to deliver the goods as quickly as possible. In any event, the Seller will not be held liable for damage resulting from delayed deliveries or the carrier's problems. The minimum amount for deliveries depends on the type of product and is established directly with the Seller. Goods shipped free on board will be kept available up to 7 days after the established collection date. After this deadline, the goods will be shipped via a carrier chosen by the Seller, and the transport will be charged to the Purchaser.

6. SHIPPING

The goods are shipped at the Purchaser's risk, even if sold CPT. Therefore, the Seller will not be held liable for damage during transport or missing items. The material is considered FOB unless otherwise indicated in the price list in force. Free shipment to the construction site is binding only if suitable access to the construction site and means for unloading the goods are ensured. Unloading operations must not exceed 4 working hours, otherwise the Seller will be entitled to charge any additional costs the carrier may demand for these reasons. Deliveries always take place for full loads weighing approximately 28 tonnes. With only one unloading operation. Should more unloading operations be required, these must be expressly and formally agreed, and any extra costs will be charged to the Purchaser.

7. PACKAGING

Unless otherwise agreed, the packaging cost is not included in the retail price.

The prices of packaged products include the packaging, which, unless otherwise specified, refers to the cardboard box or strapped or tied package, etc. The costs for shrink film or any other special packaging will be agreed case by case.

Deliveries on Europallets and disposable pallets will be charged in the invoice and cannot be returned. Plaster (silos, containers) has its own rules.

8. DEFECTS AND NONCONFORMITIES

The Seller guarantees that the products it sells conform to their technical documents, are free of defects, and are fit for their intended use. The Purchaser declares to know the technical features of the purchased products, as well as their storage and application instructions. Therefore, the Seller will not be held liable for any failure to comply with said instructions. The Purchaser is required to verify the quality and quantity of the delivered goods, write down the defect or missing products on the delivery note, have it signed by the driver or railway authority (in the event of delivery by rail), and notify the Seller in writing no later than 8 days after delivery. Reports of defects must include all elements pertaining to the delivery, manufacture, and quantities of the nonconforming product and must be made before the goods are put to use or installed. In the event that the defect report is justified and accepted, the Seller undertakes to replace the defective product, remove the defect, or take any other suitable measure in a reasonable period of time agreed by the parties. All this provided that the goods have not been tampered with, used, or installed, as such cases entail the acceptance of the goods. The Seller will not be held liable for damage resulting from the use or installation of nonconforming or damaged goods, nor will the Purchaser be entitled to claim any refund or compensation. Once the dispute is settled, the Purchaser is required to collect the material of any pending order.

9. USE AND PROCESSING OF PERSONAL DATA

Pursuant to Italian Legislative Decree No. 196 of 30/06/2003, the Purchaser authorises the Seller to process their personal data, acknowledging that personal data are collected and processed solely for protecting the Seller's credit, as well as for commercial, promotional, and informative purposes.

10. FORCE MAJEURE

In the event of unforeseeable circumstances or force majeure - such as war, mobilisation, strikes, lockouts, terrorism, cessation of activity, shortage or exceptional price increase of raw materials or finished products, delays or absence of means of transport, currency fluctuations in the country where the Seller's suppliers are located, and any other event beyond its control and responsibility - the Seller will not be held liable for any breach of contract and may suspend or cancel, in whole or in part, the commitments related to the requested supplies. The partial termination or the suspension of the contractual relationship pertaining to the ordered supplies due to the reasons described above do not exempt the Purchaser from the obligation to accept and pay for the supplies, or parts of them, already prepared before the occurrence of said events.

11. TAXES AND DUTIES

All taxes and duties, such as VAT, revenue stamps, and any other fiscal charges, are borne by the Purchaser, even if incurred during the supply of the goods.

12. SOLVE ET REPETE CLAUSE

The Purchaser may not take any legal action if they cannot prove to have fulfilled all their obligations, including, in particular, the payment of the whole price in compliance with art. 1462 of the Italian Civil Code.

13. JURISDICTION

Any dispute between the parties will be settled exclusively by the court of the city where the Seller is based.

Notes

[illegible]

Notes

[illegible]



Our certifications



www.knauf.it

knauf@knauf.it

LET'S CONNECT:



Headquarters:
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Fax 050 692301

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Castellina Marittima (PI)
Tel. 050 69211

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