



ENERGOBOARD

plasterboard reinforced with glass fibre

Certified partitions
and ceilings



WE ARE CONVINCED

that, as a building materials manufacturer and systems distributor, we have a responsibility to offer innovative products and solutions that help create sustainable living spaces.

ENERGOBOARD

plasterboard reinforced with glass fibre

Rigips® ENERGOBOARD RE plasterboard is manufactured using new, environmentally responsible production technology and is ideal for the construction of system-qualified partitions, suspended ceilings and other internal structures. By using it, we help to protect the environment, as it produces less CO₂ emissions than RB plasterboards used in the construction of internal structures of similar performance.



NON-COMBUSTIBLE (A2-S1, DO)



ENVIRONMENT FRIENDLY



INNOVATIVE PRODUCT



ERGONOMIC



REDUCED CO₂ EMISSION



EASY-TO-USE

RIGIPS® ENERGOBOARD RE PRODUCT CHARACTERISTICS:

- Dimensions: 1200x2000x12.5 mm,
1250x2000x12.5 mm,
1200x2750x12.5 mm,
- Marking according to EN 520: A,
- Edge design: longitudinal: PRO TAPERED EDGE,
transversal: NON TAPERED bevelled edge,
- Density: < 600 kg/m³,
- Weight: 7.2 kg/m²,
- Thermal conductivity: 0.25 W/mK,
- Maximum continuous temperature exposure: 50 °C,
- Humidity: < 70% relative humidity,
- Reaction to fire: A2-s1, d0.



For more information,
visit our product site.



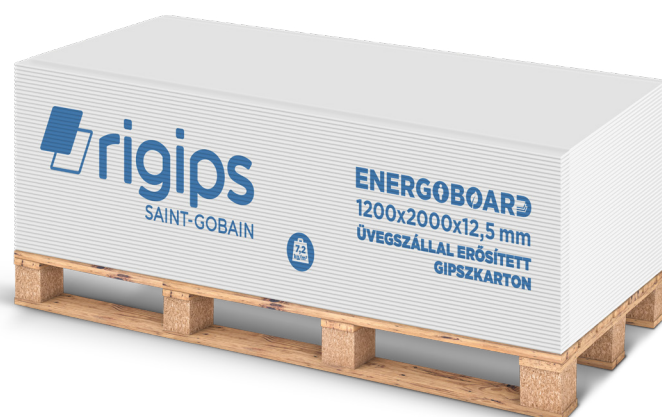


Rigips® ENERGObOARD RE plasterboard reinforced with glass fibre

An easy-to-use plasterboard.

ADVANTAGES

- Builder-friendly plasterboard: optimum weight/performance ratio,
- certified system product, suitable for the construction of certified fire partitions, up to 7.5 m high,
- the construction of ceilings (with or without suspension) are easy,
- ergonomic, contributes to healthy working conditions,
- easy to cut and screw,
- also suitable for the construction of curved structures, can be dry bent on both external and internal arches, recommended minimum bending radius: 2000 mm.



GOOD TO KNOW

What does ergonomics mean and why is it important to consider it in our work?

Ergonomics is a combination of the Greek words ergon = 'work' (Greek: ἔργον) and nomos - 'doctrine, law' (Greek: νόμος).

Ergonomics (or human factors) is the scientific discipline concerned with the understanding of interactions among humans and other elements of a system, and the profession that applies theory, principles, data and methods to design to optimize human well-being and overall system performance.

AREA OF USE:

Perfect choice for new construction as well as renovation,

- in family houses,
- in block of flats,
- in office buildings.

Rigips® ENERGBOARD plasterboard is suitable for interiors with average use, giving an ergonomic, ecologic and economic solution for drywall builders.

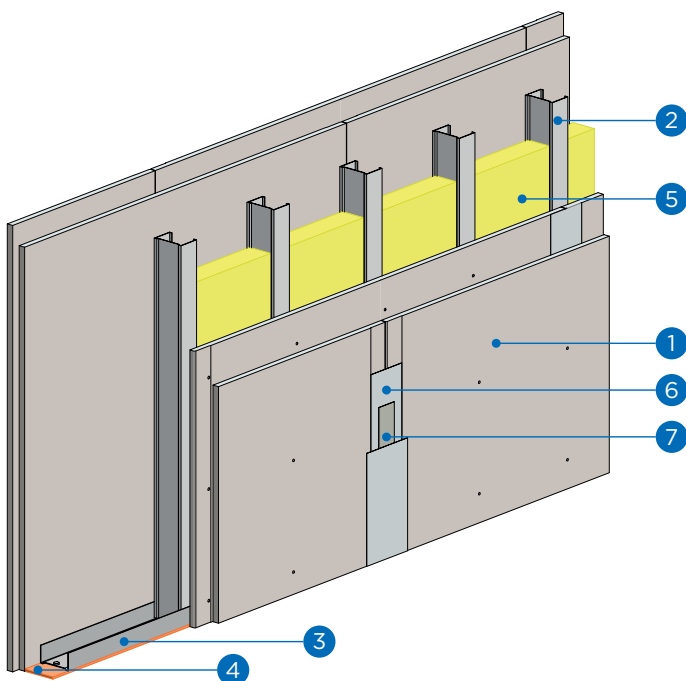
THE MOST FREQUENTLY BUILT STRUCTURES:

- Partitions,
- fire partitions with system qualification,
- independent wall linings,
- dependant wall linings with adjustable brackets and CD profile,
- suspended ceilings and suspended ceilings without suspension,
- decorative surfaces and suspended ceilings combined with modern lighting elements.



RIGIPS® ENERGOBOARD PARTITIONS

Structures made with
Rigips® ENERGOBOARD RE
plasterboard



Legend

1. Rigips® ENERGOBOARD RE 12.5 mm plasterboard
2. Vertical CW-profile: R-CW 75 profile
3. Horizontal CW-profile: R-UW 75 profile
4. Acoustic tape for profile
5. Isover Akusto mineral wool insulation material
6. Super or Super T joint filler
7. Jointing reinforcement glass tape

Short marking: profile size / wall thickness	Partition details: board type and thickness	Distance of CW studs	Wall height: (depending on application area)		Wall height in case of fire resistance	Reaction to fire class and fire resistance	Insulation: thickness/type		System certificate according to NMÉ 115/2017	Sound insulation: Rw (Rw+C)
		[mm]	I.m	II.m	[m]	EI [minute]	[mm]	type	CODE	[dB]
PARTITIONS WITH 2 X 1 LAYERS OF BOARDS										
CW 75/100	2 x Rigips® ENERGOBOARD RE 12.5 mm	400	6	5.25	5	A2 EI 20	50	Isover Akusto	A52	42 (37)
CW 75/100	2 x Rigips® ENERGOBOARD RE 12.5 mm	600	4.5	3.75	4	A2 EI 30	50	Isover Akusto	A52	45 (40)
PARTITIONS WITH 2 X 2 LAYERS OF BOARDS ON R-CW 75 STUDS										
CW 75/125	2x2 Rigips® ENERGOBOARD RE 12.5 mm	300	7.5	7	7.5	A2 EI 30	75	Isover Akusto	B69	45 (40)
CW 75/125	2x2 Rigips® ENERGOBOARD RE 12.5 mm	600	5.5	5	5	A2 EI 60	75	Isover Akusto	B69	51 (46)
CW 75/125	2 x (RF 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm)	600	5.5	5	3	A2 EI 60	75	Isover Akusto	B70	51 (48)
CW 75/125	2 x (Blue Acoustic RF 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm)	600	5.5	5	3	A2 EI 60	75	Isover Akusto	B71	55 (52)
CW 75/125	2 x (Habito® 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm)	600	5.5	5	4	A2 EI 60	75	Isover Akusto	B68	55 (53)
PARTITIONS WITH 2 X 2 LAYERS OF BOARDS ON R-CW 100 STUDS										
CW 100/150	2x2 Rigips® ENERGOBOARD RE 12.5 mm	600	6.5	5.75	4	A2 EI 60	75	Isover Akusto	B74	50 (48)
CW 100/150	2x2 Rigips® ENERGOBOARD RE 12.5 mm	600	6.5	5.75	4	A2 EI 60	100	Isover Akusto	B75	50 (48)
CW 100/150	2 x (RF 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm)	600	6.5	5.75	3	A2 EI 60	75	Isover Akusto	B76	51 (49)
CW 100/150	2 x (Habito® 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm)	600	6.5	5.75	4	A2 EI 60	100	Isover Akuplat+	B73	55 (53)
PARTITIONS WITH 2 X 2 LAYERS OF BOARDS AND DOUBLE STUDS										
CW 50+50/155	2x2 Rigips® ENERGOBOARD RE 12.5 mm	600	4.5	4	4	A2 EI 60	50+50	Isover Akusto	E21	54 (50)
CW 50+50/155	2 x (RF 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm)	600	4.5	4	3	A2 EI 60	50+50	Isover Akusto	E22	55 (52)
CW 75+75/205	2x2 Rigips® ENERGOBOARD RE 12.5 mm	600	6	5.5	4	A2 EI 60	75+75	Isover Akusto	E23	55 (52)
CW 75+75/205	2 x (RF 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm)	600	6	5.5	3	A2 EI 60	75+75	Isover Akusto	E24	55 (53)
CW 100+100/255	2x2 Rigips® ENERGOBOARD RE 12.5 mm	600	6.5	6	4	A2 EI 60	100+100	Isover Akusto	E25	56 (54)
PARTITIONS FOR SEPARATING TWO DIFFERENT APPARTMENTS WITH 2+1+2 LAYERS OF HABITO® AND RIGIPS® ENERGOBOARD RE 12.5 MM AND DOUBLE STUDS (ENERGOBOARD IS ONLY THE MIDDLE LAYER.)										
CW 50+75/188	4 x Habito® 12.5 mm + Rigips® ENERGOBOARD RE 12.5 mm*	600	4	4	4	A2 EI 90	50+75	Isover Akusto	E26	63 (60)
CW 50+75/188	2 x Habito® 12.5 mm + 3 x Rigips® ENERGOBOARD RE 12.5 mm**	300	4	4	4	A2 EI 60	50+75	Isover Akusto	E27	58 (56)

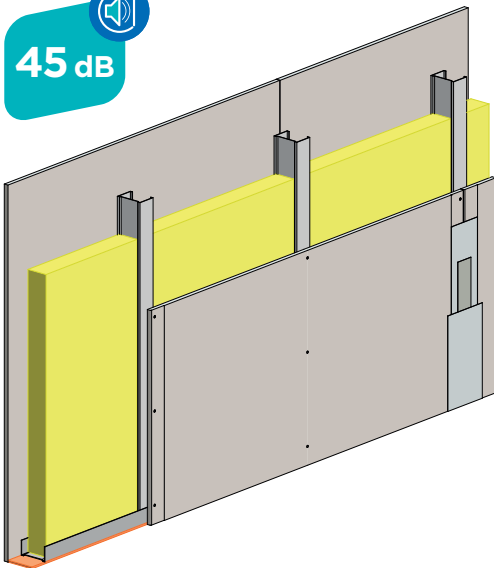
* The axis of the vertical CW studs in the two different profile structure has to be placed with 300 mm distance from one another.

** The axis of the vertical CW studs in the two different profile structure has to be placed with 150 mm distance from one another.

SOUND INSULATIONS RIGIPS® ENERGBOARD PARTITIONS

Structures made with
Rigips® ENERGBOARD RE
plasterboard

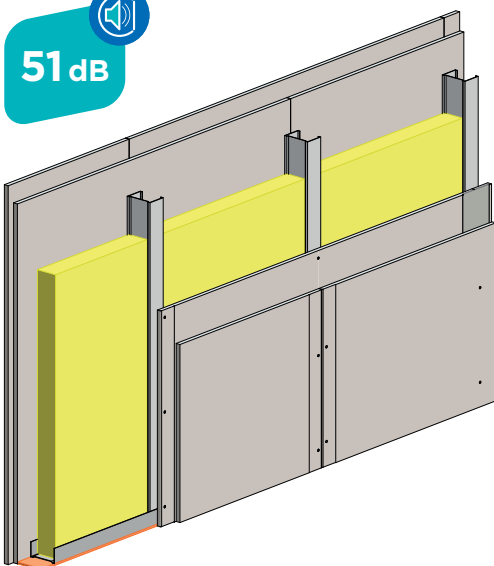
45 dB



1. RIGIPS® ENERGBOARD PARTITIONS ON CW 75 PROFILE WITH 2X1 LAYER OF RE BOARD

- Profile frame: R-CW 75 and R-UW 75 Rigiprofil frame structure,
- Distance between vertical CW-profiles: 60 cm,
- Wall thickness: 100 mm,
- Layer order: 2x1 Rigips® ENERGBOARD RE 12.5 mm,
- Mineral wool used: 75 mm Isover Akusto,
- Wall height:
 - › 4.5 m – apartments, offices, hospitals, corridors too,
 - › 3.75 m – meeting rooms, school rooms, auditoriums, exhibition and performance spaces,
 - › 4.0 m – EI 30 for fire resistance performance,
- Sound insulation value: $R_w (R_w+C) - 45 (40)$ dB,
- Reaction to fire: A2,
- Fire resistance: EI 30 minutes.

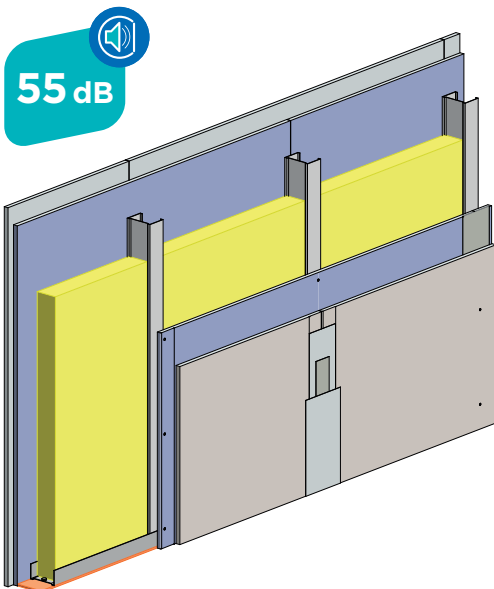
51 dB



2. RIGIPS® ENERGBOARD PARTITIONS ON CW 75 PROFILE WITH 2X2 LAYER OF RE PLASTERBOARD

- Profile frame: R-CW 75 and R-UW 75 Rigiprofil frame structure,
- Distance between CW profiles: 60 cm,
- Wall thickness: 125 mm,
- Layer order: 2x2 Rigips® ENERGBOARD RE 12.5 mm,
- Mineral wool used: 75 mm Isover Akusto,
- Wall height:
 - › 5.5 m – apartments, offices, hospitals, corridors too,
 - › 5.0 m – meeting rooms, school rooms, auditoriums, exhibition and performance spaces,
 - › 5.0 m – EI 60 for fire resistance performance,
- Sound insulation value: $R_w (R_w+C) - 51 (46)$ dB,
- Reaction to fire: A2,
- Fire resistance: EI 60 minutes – up to 5 metre wall height.

55 dB



3. RIGIPS® ENERGBOARD PARTITION FOR CW 75 2X (BLUE ACOUSTIC RF 12.5 MM + RE 12.5 MM) WITH PLASTERBOARD

- Profile frame: R-CW 75 and R-UW 75 Rigiprofil frame structure,
- Distance between CW profiles: 60 cm,
- Wall thickness: 125 mm,
- Layer order: 2x (Blue Acoustic RF 12.5 mm + Rigips® ENERGBOARD RE 12.5 mm),
- Mineral wool used: 75 mm Isover Akusto,
- Wall height:
 - › 5.5 m – apartments, offices, hospitals, corridors too,
 - › 5.0 m – meeting rooms, school rooms, auditoriums, exhibition and performance spaces,
 - › 3.0 m – EI 60 for fire resistance performance,
- Sound insulation value: $R_w (R_w+C) - 55 (52)$ dB,
- Reaction to fire: A2,
- Fire resistance: EI 60 minutes – up to 3.0 metre wall height.

SPECIAL PARTITIONS WITH RIGIPS® ENERGObOARD RE PLASTERBOARD

Structures made with
Rigips® ENERGObOARD RE
plasterboard

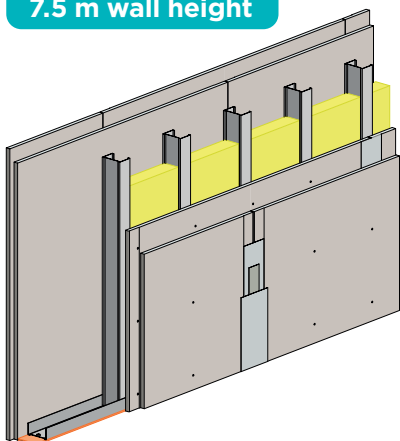
WALLS UP TO 7.5 METRE HEIGHT: RIGIPS® ENERGObOARD HIGH WALL ON CW 75 PROFILE WITH 2X2 LAYER OF RE PLASTERBOARD

The construction of a high wall requires special attention and craftsmanship. If fire prevention is required, it is very important not to exceed the maximum wall height specified in the system certificate.

Important information for building a high wall:

1. The vertical R-CW 75 profile must be at a distance of 30 cm.
2. At the top of the wall, a sliding connection must be made using UW MAX 75 profile and plasterboard strips, depending on the specified slab deflection.
3. For partition heights exceeding the length of standard R-CW 75 profiles, two R-CW 75 profiles can be fixed one to another by using a 75 cm long auxiliary piece made of R-UW 75 profile.
The length of the auxiliary piece is evenly distributed above and below the extension.
4. The location of dilatation joints is determined by the designer.
Dilatation in high walls has to be made if:
 - wall length ≥ 15 m
 - wall surface ≥ 100 m²
 - there is a structural dilatation in the building

7.5 m wall height

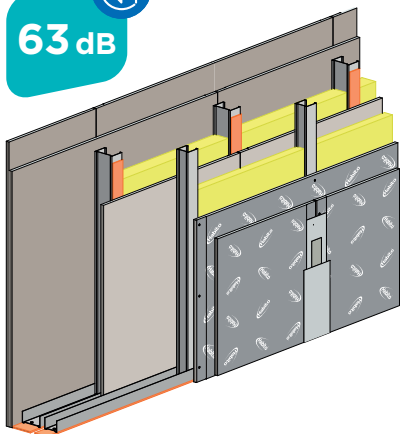


- Profile frame: R-CW 75 and R-UW 75 Rigiprofil frame structure,
- Distance between vertical CW profiles: 30 cm,
- Wall thickness: 125 mm,
- Layer order: 2x2 Rigips® ENERGObOARD RE 12.5 mm,
- Mineral wool used: 75 mm Isover Akusto,
- Wall height:
 - › 7.5 m – apartments, offices, hospitals, corridors too,
 - › 7.0 m – meeting rooms, school rooms, auditoriums, exhibition and performance spaces,
 - › 7.5 m – EI 30 for fire resistance performance,
- Sound insulation value: $R_w (R_w + C) - 45 (40)$ dB,
- Reaction to fire: A2,
- Fire resistance: EI 30 minutes – up to 7.5 metre wall height.

HABITO PARTITION WITH DOUBLE PROFILE AND 2+1+2 HABITO® AND RIGIPS® ENERGObOARD RE 12.5 MM PLASTERBOARD

We care about building better, and have combined our remarkable scientific know-how with a pioneering perspective to create high-performance products that help you to transform the built environment. The properties of the walls that define your home are of paramount importance for your comfort at home. An exceptionally high level of soundproofing solutions will help you enjoy peace and quiet even in noisy surroundings.

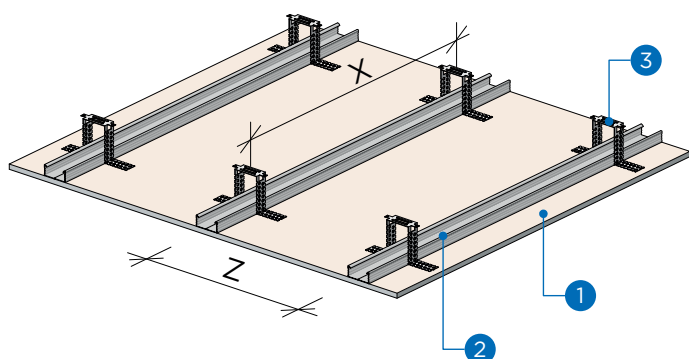
63 dB



- Double profile: R-CW 50, R-UW 50, R-CW 75 and R-UW 75 Rigiprofil frame structure,
- The two profiles shall be shifted 30 mm axially from each other,
- Distance between vertical CW profiles: 60 cm,
- Wall thickness: 188 mm,
- Layer order: 4x Habito® 12.5 mm + in the middle Rigips® ENERGObOARD RE 12.5 mm,
- Mineral wool used: 50 + 75 mm Isover Akusto,
- Wall height:
 - › 4.0 m – including apartments and staircase corridors,
 - › 4.0 m – EI 90 for fire resistance performance,
- Sound insulation value: $R_w (R_w + C) - 63 (60)$ dB,
- Reaction to fire: A2,
- Fire resistance: EI 90 minutes – up to 4.0 metre wall height.

RIGIPS® ENERGOBOARD SUSPENDED CEILINGS

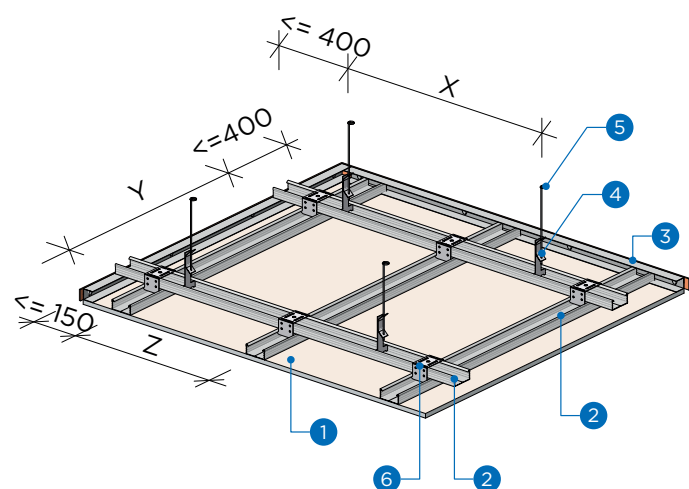
Structures made with
Rigips® ENERGOBOARD RE
plasterboard



RIGIPS® ENERGOBOARD SUSPENDED CEILING ON A SINGLE CD PROFILE STRUCTURE

Legend

1. Rigips® ENERGOBOARD RE 12.5 mm plasterboard
2. R-CD 27/60 Rigiprofil
3. Direct hanger



RIGIPS® ENERGOBOARD SUSPENDED CEILING ON A DOUBLE CD PROFILE STRUCTURE

Legend

1. Rigips® ENERGOBOARD RE 12.5 mm plasterboard
2. R-CD 60x27 Rigiprofil
3. R-UD 30 Rigiprofil
4. Quick hanger for metal (with spring)
5. Suspension wire with eyelet (125-2000 mm)
6. Cross connector

Structure description	Board type and thickness [mm]	Profile [mm]	Distance between CD profiles: Z [mm]	Distance of support CD profiles: Y [mm]	Type of the hanger	Max. distance of hangers: X [mm]	Mineral wool used: thickness/type [mm] type	Reaction to fire
RIGIPS® ENERGOBOARD SUSPENDED CEILINGS WITH STEEL BEAM OR REINFORCED CONCRETE SLAB								
Rigips® suspended ceiling mounted in a double profile	Rigips® ENERGOBOARD RE 12.5 mm	R-CD 27/60	400	1000	spring or nonius hanger	900	as required	A2
Rigips® suspended ceiling mounted in a simple profile	Rigips® ENERGOBOARD RE 12.5 mm	R-CD 27/60	400	-	direct hanger	1000	as required	A2
RIGIPS® ENERGOBOARD SUSPENDED CEILINGS WITH WOOD SLAB								
Rigips® suspended ceiling mounted in a simple profile	Rigips® ENERGOBOARD RE 12.5 mm	R-CD 27/60	400	-	direct hanger	1000	as required	B
Rigips® suspended ceiling mounted on lath frame	Rigips® ENERGOBOARD RE 12.5 mm	Wood lath 50/50	400	-	direct hanger	1000	as required	B

RIGIPS® ENERGObOARD SELF-SUPPORTING CEILINGS

Structures made with
Rigips® ENERGObOARD RE
plasterboard

Rigips® ENERGObOARD self-supporting ceilings are made of Rigiprofil R-UW and R-CW frame construction with RE plasterboard covering. The wall connection profile (nailing profile) is always an R-UW profile, while the support profile is an R-CW profile.

The basic structural design can be:

- single R-CW profile,
- doubled R-CW profile.

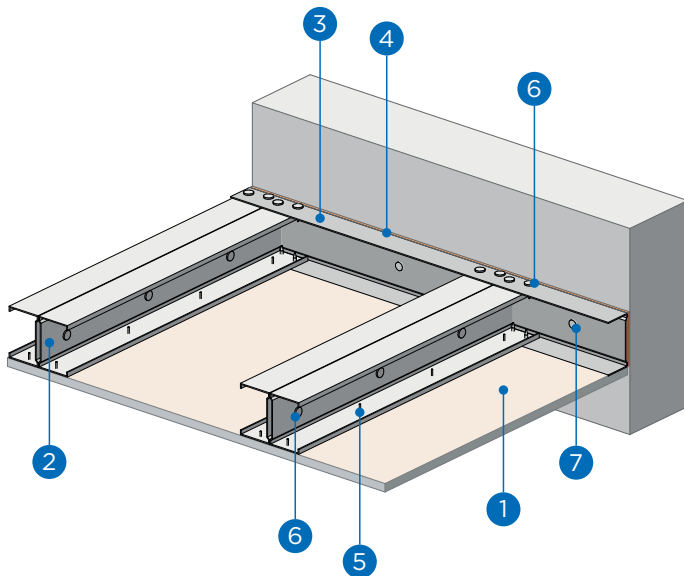
Structural figure	Rigips® ENERGObOARD plasterboard:	Nailing profile	Support profile	R-CW profiles axis distance	Permitted L-width, for L/300 bending	Subsequent surplus weight rate
		[mm]	[mm]	[mm]	[m]	[kg/m²]

SUSPENSION-FREE RIGIPS® ENERGObOARD SUSPENDED CEILING WITH SINGLE PROFILE, R-UW NAILING PROFILE AND R-CW SUPPORT PROFILE

	1 x RE 12.5 mm	R-UW 50	R-CW 50	400	2.84	5
	1 x RE 12.5 mm	R-UW 50	R-CW 50	400	2.12	20
	1 x RE 12.5 mm	R-UW 75	R-CW 75	400	3.90	5
	1 x RE 12.5 mm	R-UW 75	R-CW 75	400	3.15	20
	1 x RE 12.5 mm	R-UW 100	R-CW 100	400	4.72	5
	1 x RE 12.5 mm	R-UW 100	R-CW 100	400	3.98	20

SUSPENSION-FREE RIGIPS® ENERGObOARD SUSPENDED CEILING WITH DOUBLE PROFILE, R-UW NAILING PROFILE AND 2X R-CW SUPPORT PROFILE

	1 x RE 12.5 mm	R-UW 50	2 x R-CW 50	400	3.69	5
	1 x RE 12.5 mm	R-UW 50	2 x R-CW 50	400	3.06	20
	1 x RE 12.5 mm	R-UW 75	2 x R-CW 75	400	5.19	5
	1 x RE 12.5 mm	R-UW 75	2 x R-CW 75	400	4.15	20
	1 x RE 12.5 mm	R-UW 100	2 x R-CW 100	400	6.91	5
	1 x RE 12.5 mm	R-UW 100	2 x R-CW 100	400	5.66	20



SUSPENSION-FREE RIGIPS® ENERGOBOARD CEILING WITH DOUBLE PROFILE, R-UW 75 NAILING PROFILE AND 2X R-CW 75 SUPPORT PROFILE

Legend

1. Rigips® ENERGObOARD RE 12.5 mm
2. 2x R-CW 75 support profile
3. R-UW 75 nailing profile
4. Acoustic tape for profile 70 mm
5. Rigips® 212/25 screw
6. Opel screw 4.2 x 13 mm
7. Fixing element suitable for the receiving surface

THE PROCESS OF CONSTRUCTION

1. Marking

The lower plane of the supporting structure of the suspended ceiling is marked on the connecting wall.

2. Cutting to size and positioning of R-UW profiles

- The R-UW profiles are cut to size and the connecting sponge strip is glued to the back side.
- The R-UW profiles are mounted on the wall with a qualified fixing element corresponding to the receiving surface. The distance between fixing points shall not exceed 300 mm. Each UW-profile must be fixed with at least 2 fixing elements. If the fixing is made to a mounted partition, it must be fixed to the profile of the partition wall construction with at least 2 screws. In this case the fixing distance is the same as the distance between the partition profiles. An exception for prefabricated partitions are partition walls built with 2 layers of Habito® 12.5 mm building board, because there is no need to fix to the profile, it is sufficient to fix to the Habito® boards at 300 mm intervals.

3. Cutting to size and positioning of R-CW profiles

- The R-CW profiles are cut to size. The length of the R-CW profiles is the same as the span of the suspended ceiling, but it is important that the structure is not stretched between the walls. It is prohibited to extend R-CW profiles. When cutting to size, care must be taken to ensure that the H-shaped relief in the back plate of the profiles for the passage of conductors is at least 250 mm from the supports (wall). No further through-openings may be created in the profile.
- In the case of a twin profile, the CW profiles facing back-to-back shall be bolted together with an Opel screw so that the bolt is alternately in the lower and upper thirds of the backing plate of the profiles. The maximum distance between the screwing points is 170 mm. The H-shaped reliefs should not overlap on the profile pair, but should be at least 500 mm apart.
- The beams made of R-CW profiles are fixed to the R-UW profile with 2 M4*13 Opel screws per element at the top and bottom.

4. Fixing Rigips® ENERGObOARD plasterboards

- The Rigips® ENERGObOARD plasterboard covering is made according to the general rules for suspended ceilings. Rigips® ENERGObOARD plasterboard can be installed parallel or perpendicular to the R-CW profiles. The rules on shifting must always be respected.
- Rigips® ENERGObOARD plasterboard covering is fixed to CW profiles with 212 plasterboard quick building screws. The maximum screwing distance is 170 mm. In the case of double CW profiles, the fixing should be shifted and alternated.

5. Jointing and finishing

Jointing and finishing of the ceiling is done in the general way.

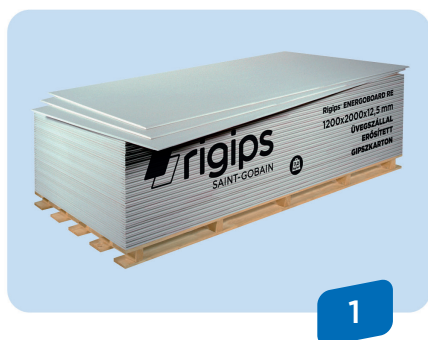


IMPORTANT!

The suspended ceiling must not be subjected to any additional loads, even temporarily, on top of the previously calculated loads.

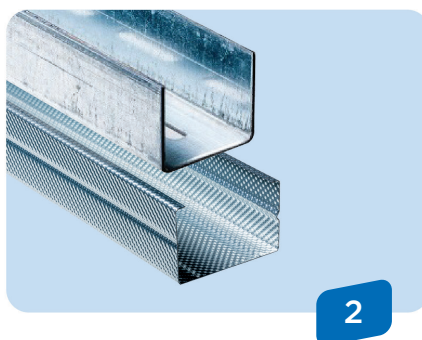
RIGIPS® ENERGObOARD RE PLASTERBOARD

A Rigips® ENERGObOARD RE plasterboard is manufactured using new, environmentally responsible production technology and is ideal for the construction of system-qualified partitions, suspended ceilings and other internal structures. By using it, we help to protect the environment, as it produces less CO₂ emissions than RB plasterboards used in the construction of internal structures of similar performance.



RIGIPROFILES AND UA PROFILES

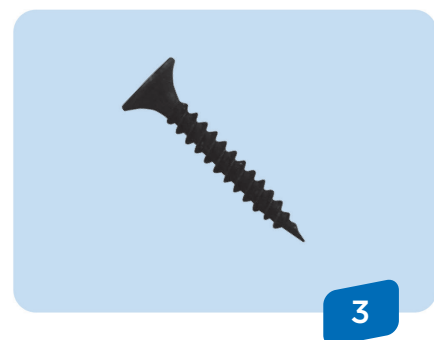
Qualified Rigips® ENERGObOARD RE partitions, suspended ceilings and other structures require the use of Rigiprofiles for the system. R-UW and R-CW profiles are used to build partitions, while R-UD and R-CD profiles are used to build the frame structure of suspended ceilings and wall linings. The use of UA profiles is required in the vicinity of the construction of door casings in accordance with the conditions detailed in the Contractors' Manual.



TYPE 212 SCREWS (TN) OR HARTFIX SCREWS

The use of screws type 212 or HartFix screws is recommended for fixing Rigips® ENERGObOARD plasterboard to CW and CD profiles. To fix one layer of plasterboard to the profile, a 25 mm screw should be used, and to fix the second layer of plasterboard to the profile, a 35 mm screw should be used.

Type 212 screw dimensions:
3.5x25, 3.5x35, 3.5x45, 3.5x55 mm
HartFix screw dimensions: 3.9x25, 3.9x35 mm



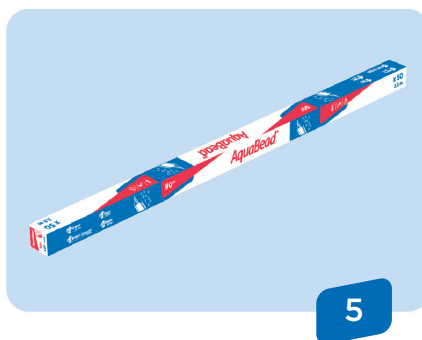
ACCESSORIES FOR SUSPENDED CEILING

The construction of Rigips® ENERGObOARD suspended ceilings requires the use of accessories developed for the system, such as: quick hanger for metal, suspension wire with eyelet, direct hanger, CD-profile longitudinal connector - straight 100 mm. These metal connection elements are used to connect suspended ceilings to the slab and to extend, cross-connect or suspend R-CD profiles.



AQUABEAD EDGE PROTECTOR

A premium quality, paper-covered plastic edge protector specially developed for the right-angled outer edges of plasterboard surfaces. It has a water-activated adhesive layer on the inside, making it quick and easy to fix. Impact resistant, 3 m long.



PROMIX FINISH

Ready-to-use, paste-like material. Recommended for final surface smoothing of plasterboard and gypsum fibre boards and plastered surfaces. Air-dryable, it can be stored and used for days in an airtight container. Q4 surface quality can be achieved with the product.



ACOUSTIC TAPE FOR PROFILE

Self-adhesive sponge strip glued to UW and CW profiles for flexible connection. Dimensions: 30, 50, 70 and 95 mm width, 30 m/roll.



JOINTING REINFORCEMENT GLASS TAPE

The plasterboard sheets are embedded in the jointing material where they meet to reinforce the joints. Width: 5 cm, 23 m/roll.



SUPER T JOINT FILLER

Plastic bagged, vacuum packed adhesive and smoothing compound for plasterboards, for Q1-Q3 surface preparation. Suitable for filling and full surface smoothing of joints in plasterboard.





ADDITIONAL PRODUCT INFORMATION

RIGIPS® ENERGOBOARD RE DIMENSIONS AND DATA REQUIRED FOR MARKETING:

Thickness	Width	Length	Pallet quantity	Article number	EAN code	VTSZ	Board surface	Weight	Gross weight
[mm]	[mm]	[mm]	[pc/pallet]		[piece]		[m²/board]	[kg/board]	[kg/pallet]
12.5	1200	2000	112	5200935247	5995951227451	68091100	2.4	17.28	1 962
12.5	1250	2000	112	5200939464	5995951228021	68091100	2.5	18	2 044
12.5	1200	2750	48	5200941638	5995951227956	68091100	3.3	23.76	1 156

RIGIPS® ENERGOBOARD RE TERMÉKTULAJDONSÁGOK ÉS TELJESÍTMÉNYJELLEMZŐK:

Marking according to MSZ EN 520	Card-board colour	Longitudinal edge	Transverse edge	Density	Thermal conductivity factor	Maximum temperature	Permitted humidity load	Fire safety class	Total water intake
				kg/m³	W/mK	°C	[Relative humidity]		%
A	ivory	PRO	grooved	600	0.25	50 °C	70%	A2-s1,d0	NPD*

* NPD = No Performance Determined



Jointing and smoothing material

SUPER T

for Rigips® ENERGOBOARD RE surfaces



Material requirement	Application thickness	Processing time	Packaging	Processing method	Shelf life (without opening)
Q2 jointing: 0.3 kg/plasterboard m²	0-3 mm/layer	60 minutes	25 kg	manual	15 months

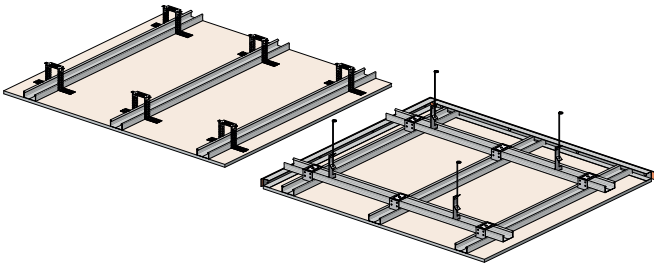
Storage	Surface quality* achievable with the product	Use:	Base surface on which the product can be applied:	Wall covering recommended for the product:
Between +5 °C and + 25°C in a dry, frost-free place	Q1 - base jointing Q2 - normal jointing Q3 - special smoothing	internal walls, ceilings, min. above +5 °C	plasterboard	paint, wallpaper



For more information on the product, visit our website.



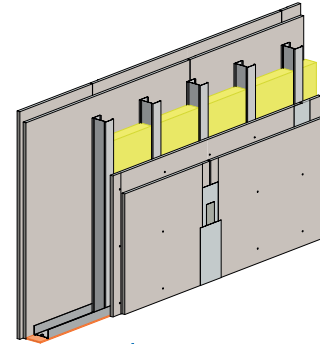
1 SUSPENDED CEILINGS



Products:

	Suspended ceiling with single profile with direct hanger	Suspended ceiling with quick hanger and double profile
Rigips® ENERGObOARD RE 12.5 mm plasterboard	1 m ²	1 m ²
R-CD profile	2.5 m	3.8 m
R-UD profile	0.9 m*	0.9 m*
CD extension 100	0.5 pc	0.6 pc
Cross connection or right-angled anchor	3.0 or 5.6 pcs	3.0 or 5.6 pcs
Acoustic tape for profile	0.9 m*	0.9 m*
Rigips® 212/3.5x25 quick building screw	20 pcs	20 pcs
Direct hanger (60; 125 vagy 200 mm)	2 pcs	—
Quick hanger for metal	—	1.1 pcs
Suspension wire with eyelet (125 - 2000 mm)	—	1.1 pcs
Fixing element (e.g. UDN 6/35)**	2.0 pcs	1.1 pcs
Impact pin 6/40** (for fixing UD profiles)	1.8 pcs	1.8 pcs
Joint filler (Super T, Super, Vario)	0.3 kg	0.3 kg
ProMix Finish surface smoothing material	0.1 kg	0.1 kg
Jointing reinforcement glass tape	1.6 m	1.6 m
Mineral wool insulation (as required)	1 m ²	1 m ²

2 PARTITIONS



Products:

	Partition with simple profile	With double profile
	2x1 layers of boards	2x2 layers with plasterboard
Rigips® ENERGObOARD RE 12.5 mm plasterboard (or with the addition of Blue Acoustic RF 12.5; RF 12.5 or Habito® DFRI 12,5 according to the layering scheme)	2 m ²	4 m ²
Horizontal R-UW Rigiprofil	0.8 m	0.8 m
Vertical R-CW Rigiprofil	1.9 m	1.9 m
Acoustic tape for profile	1.3 m	1.3 m
Rigips® 212/3.5x25 quick building screw	24 pcs	8 pcs
Rigips® 212/3.5x25 quick building screw	—	24 pcs
Impact pin 6/40**	1.8 pcs	1.8 pcs
Joint filler Super, Super T or Vario	0.6 kg	1.2 kg
Jointing reinforcement glass tape	3.2 m	3.2 m
ProMix Finish surface smoothing material	0.2 kg	0.2 kg
AquaBead edge protector	as required	as required
Mineral wool insulating material	as required	as required

* The quantity required is equal to the perimeter of the suspended ceiling.

** The fixing element used to connect to the original building structure should always be selected according to its type and condition, determination of which is a designer's / builder's task.

1. The calculation does not include cutting and other losses.
2. When calculating the material requirements, apertures up to 4.0 m² cross-section are fully accounted for, whereas any aperture formations are not accounted for separately.
3. The wall slab and floor connections are provided with a connecting sponge strip, which is self-adhesive on one side and is approximately 3.5 mm thick.
4. Rigips® quality and system guarantee can only be ensured by the professional installation of elements distributed by Rigips®.



Use our material
requirement
calculator.



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