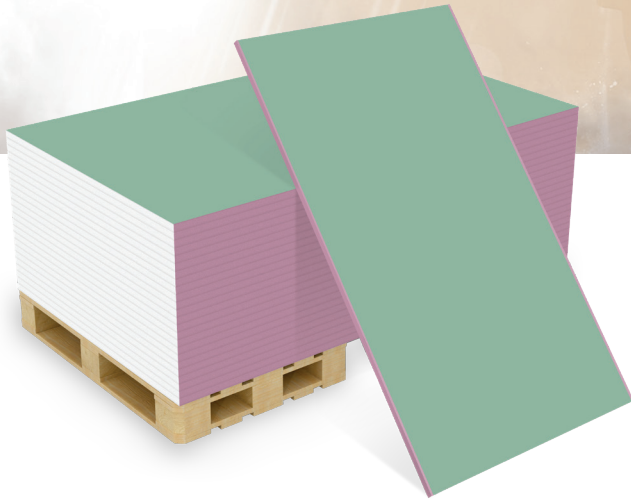




FIRE AND WATER RESISTANT PLASTERBOARD

W&F





W&F FIRE AND WATER RESISTANT PLASTERBOARD

Product Description

High quality water and fire resistant plasterboard is a water and fire repellency enhanced, smooth-surfaced and lightweight plasterboard. It can be applied to steel structures, wet areas, partition walls, shaft walls, ceiling and etc. Each side is covered with a green and a red cardboard which give the plasterboard flexibility and high resistance.

Features

Fire and water resistant. It can be used as a base for ceramic tiling etc. Easy and fast installation and it saves time.

Areas of Usage

- Partition Walls
- Wall Lining
- Shaft Walls
- Drop Ceiling
- Wet Areas and Steel Structures



FIRE RESISTANT



LIGHTWEIGHT



BREATHING



ECO-FRIENDLY



WATER RESISTANT

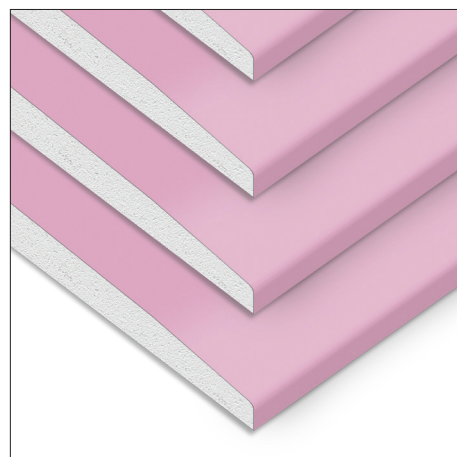


NON-HAZARDOUS TO HEALTH

W&F FIRE AND WATER RESISTANT PLASTERBOARD

TECHNICAL PROPERTIES

Type	Plasterboard Type HF		
Standard of the Product	TS EN 520 + A1		
Thickness	12,5 mm	15 mm	18 mm
Length	2000-3000 mm	2000-3000 mm	2000-2700 mm
Dry Bending Radius	$r \geq 2750$ mm		
Wet Bending Radius	$r \geq 1000$ mm		
Bending Rupture (Perpendicular to Glass Fibres)	≥ 550 N	≥ 650 N	≥ 770 N
Bending Rupture (Parallel to Glass Fibres)	≥ 210 N	≥ 250 N	≥ 300 N
Thermal Conductivity Value (λ)	0,25 W/mK		
Water Vapor Permeability (Dry)	10		
Water Vapor Permeability (Wet)	4		
Core Cohesion	$\geq 15'$		
Total Water Absorption (Type H2)	$\geq \%10$		
Surface Water Absorption (Type H2)	≤ 220 g/m ²		
Fire Reaction	A2 - s1, d0		
Color	Red / Green		
Smell	None		



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TECHNICAL PROPERTIES

Type	Plasterboard Type HF		
Standard of the Product	TS EN 520 + A1		
Thickness	12,5 mm	15 mm	18 mm
Thickness Tolerance	$\pm 0,5$	$\pm 0,5$	$\pm 0,72$ mm
Average Mass	~ 10 kg/m ²	$\sim 12,5$ kg/m ²	~ 15 kg/m ²
Length	2000-3000 mm	2000-3000 mm	2000-2700 mm
Length Tolerance	(+0 mm)-(-5 mm)		
Width	1200 mm		
Width Tolerance	(+0 mm)-(-4 mm)		
Deviation of the Short Edge (For every 1 m of board width)	$\leq 2,5$ mm		

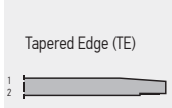
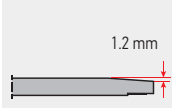
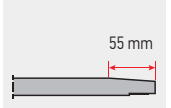
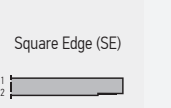
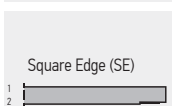
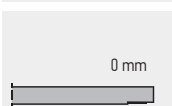
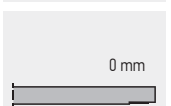
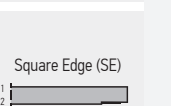
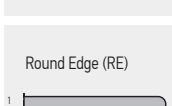
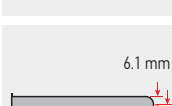
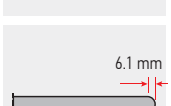
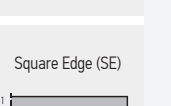
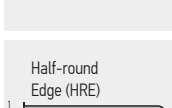
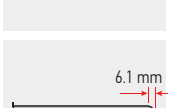
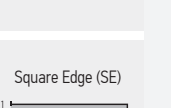
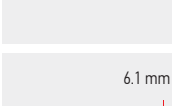
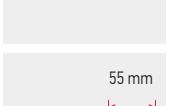
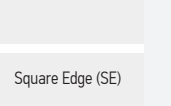
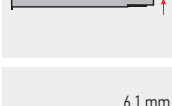
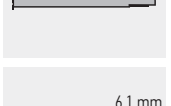
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W&F FIRE AND WATER RESISTANT PLASTERBOARD BOARD TYPES

Product	Product Code	Width (mm)	Length (mm)	Mass	Units per Pallet
12,5 mm	0104125200	1200	2000	~10 kg/ m ²	50 Units/ Pallet
	0104125210		2100		
	0104125220		2200		
	0104125230		2300		
	0104125240		2400		
	0104125250		2500		
	0104125260		2600		
	0104125270		2700		
	0104125280		2800		
	0104125290		2900		
	0104125300		3000		
15 mm	0104150200	1200	2000	~12,5 kg/ m ²	40 Units/ Pallet
	0104150210		2100		
	0104150220		2200		
	0104150230		2300		
	0104150240		2400		
	0104150250		2500		
	0104150260		2600		
	0104150270		2700		
	0104150280		2800		
	0104150290		2900		
	0104150300		3000		
18 mm	0104180200	1200	2000	~15 kg/ m ²	30 Units/ Pallet
	0104180210		2100		
	0104180220		2200		
	0104180230		2300		
	0104180240		2400		
	0104180250		2500		
	0104180260		2600		
	0104180270		2700		

W&F FIRE AND WATER RESISTANT PLASTERBOARD EDGE TYPES

LONG EDGE TYPE	TAPERED DEPTH	TAPERED WIDTH	SHORT EDGE TYPE
Tapered Edge (TE) 	1.2 mm 	55 mm 	Square Edge (SE) 
Square Edge (SE) 	0 mm 	0 mm 	Square Edge (SE) 
Round Edge (RE) 	6.1 mm 	6.1 mm 	Square Edge (SE) 
Half-round Edge (HRE) 	6.1 mm 	6.1 mm 	Square Edge (SE) 
Half-round Tapered Edge (HRTE) 	6.1 mm 	55 mm 	Square Edge (SE) 
Bevelled Edge (BE) 	6.1 mm 	6.1 mm 	Square Edge (SE) 

1.Front Side/2. Back Side

Points to Take Into Consideration

- During the assembling, custom-engineered, corrosion resistant self-drilling or drywall screws must be used.
- During each application, the screws must be screwed with obfuscation.
- Glass fibre (self-adhesive), alkali resistant tapes must be used for the joints.
- Joints must contain cement based filler and plaster lining must be applied to the joints.
- Water cannot be used as an insulation material.

