

## DW FIRE

Unit of measurement	Pieces/Pallet	Consumption	Color/Other specifications
5 kg/bag 25 kg/sack	4 pcs/pallet 54 pcs/pallet	- 1.5-2.5 kg/m <sup>2</sup>	Grey



### DW FIRE

Refractory mortar, with cement, synthetic resins and special additives for environments of high temperatures.

### CHARACTERISTICS

Cement-based powder for environments with high temperatures and high mechanical resistance, for fillings in a thickness of 20 mm/layer. It does not contract, nor does it create cracks. It provides an excellent workability, adhesiveness, resistance to high temperatures and strikes. Thanks to its hydraulic connections, special polymers, selected inerts and synthetic fibers, it does not crack nor slip in large thicknesses.

### AREA OF USE

DW FIRE is applied in all of those environments where a high resistance to temperatures is required, such as: furnaces, fireplaces, etc.

### APPLICATION PROCEDURE

#### Preparation of the surface

The bricks and surface where the application will be done should be stable and mechanically resistant.

### APPLICATION

Pour the product in clean water, 25 kg powder in 5,5 water and stir with a low speed agitator or concrete mixer until you see the creation of a homogeneous mixture, suitable for any type of use. The mixture remains workable for 3 hours and is applied through a trowel for masonry or plasters.

### CONSUMPTION

Approximately 18 kg/m<sup>2</sup> /cm thickness of layer.

### SHELF-LIFE - STORAGE

It is preserved in its original, well-closed packaging, in dry, shady and low-moist environments, for at least 12 months from the date of its production.



### TECHNICAL DATA

Form- Color	Cement dust- grey
Toxic/flammable	No
(according to EN 88/379)	
Specific weight of dry powder	1,47 ± 0,05 Kg/lit
Specific weight of wet dust	2,00 ± 0,05 Kg/lit
The maximum diameter of particle	1.5 mm
Water demand	5,5 lt water in 25 Kg powder
Temperature of application	From +5°C up to +35°C
Thermal resistance	From -30°C up to +1000°C
Pot life in container	3 hours
Maximum thickness for application	2 cm

### MECHANICAL RESISTANCE

Resistance to flexion at 28 days	according to EN 196 - 18,00 ± 1,00N/mm <sup>2</sup>
Resistance to compression according to EN 196 - 1 in	
• 48 hours	22,00 ± 3,00 N/mm <sup>2</sup>
• 7 days	30,00 ± 2,00 N/mm <sup>2</sup>
• 28 days	50,00 ± 1,00 N/mm <sup>2</sup>

