DW 2200 RAPID

Unit of measurement	Pieces/Pallet	Consumption	Color/Other specifications
25 kg/sack	54 pcs/pallet	3-5 kg/m²	Grey

CE

DW 2200 RAPID
Cement-based, fast drying adhesive, for the adhesion of ceramic, gres, porcelain, etc, tiles.

CLASSIFICATION OF PRODUCT
DW 2200 RAPID is classified as C2F according to EN 12004, base C cement, 2 adhesive with high adhesive strength, F fast final drying.

CHARACTERISTICS
-For indoor and outdoor use.
- For moist and dry areas
- Improvement of working parameters
-For fixing ceramic, gres, porcelain tiles.
- For fixing ceramic, gres and porcelain tiles in gypsum surface, after it is treated with DW PRIMER.

AREA OF USE
DW 2200 RAPID is used for laying ceramic, gres and porcelain tiles, and tiles of different dimensions on various surfaces such as: concrete, isolating coatings, cement, plaster, old tiles, etc. This product is suitable for indoor and outdoor use. DW 2200 RAPID can also be applied in deformable surfaces, such as: gypsum or wood tiles, under-floor heating, where it is reinforced with DW 17 additive; this additive improves technical adhesive parameters.

APPLICATION PROCEDURE
Preparation of the surface
Cement-based traditional supports should have a sufficient maturity time of (28 days in temperature 23°C and U.R 40%). Supports should be flat, stable and in function of intended use. The support where the product will be applied should be clean and free of external materials, such as: paints, oils, varnishes, anti-adhesion materials. The cleaning is made mechanically or manually. Before the application of the product, the plasters should have a maturity time of at least 1week for 1 cm of thickness. The supports should be mechanically stable, in function of intended use. The surface of the support where the product will be applied should be free of any type of external materials.

APPLICATION
For a better application of the product, and for a good and uniform spreading of it in the entire surface, it is recommended that you firstly lay the product on the support through the straight blade of the trowel, and then through its notched part. The product should be applied with a suitable trowel, depending on the type and dimensions of the tile. It is recommended that after laying the tile, you put pressure on it so that the back part of the tile gets completely saturated. Special conditions, such as: high temperatures or strong winds, sun or substrates with a high absorption of water, affect negatively the performance of the product and can even decrease significantly the spreading and correction time. To avoid these problems, it is recommended to sprinkle the support with water before the application of the adhesive, or to treat it with the liner DW PRIMER However, in any case, before laying the tiles, it is important that you check if the adhesive has created a “skin”. In such cases, you should re-spread the adhesive in order to re-activate its adhesive strength. You should avoid pouring water on the adhesive which has created a “skin” (is solidified) because in such a case, an anti-adhesive layer is created. In cases of coatings and floorings in outdoor environments, especially in cases when the back part of the tile has relief, it is recommended that you spread the adhesive in the pack part of the tile and also on the support, so as to avoid the creation of cavities where water can penetrate, or moisture can be created, which can cause tiles detachment or breaking.

CONSUMPTION

Depending on the used trowel	
Notch of trowel (mm)	Consumption (Kg/m²)
4 mm	2.0 Kg/m²
6 mm	2.7 Kg/m²
8 mm	3.3 Kg/m²
10 mm	4,0 Kg/m²

PACKAGING
DW 2200 RAPID is supplied in paper bags of 25 kg

SHELF-LIFE - STORAGE
12 months, if preserved in normal environment and in its original packaging, protected by direct exposure to sun and frost.

TECHNICAL DATA

Form	Powder
Color	Grey
Density	1550 gr/L
Pot life	1 hour
Temperature of application	+5°C up to +35°C
Open time EN 1346	≥ 10 minutes
Correction time	≥ 25 minutes
Adhesion strength	
- After water immersion	≥ 1.0 N/mm²
- After freeze-thaw cycles	≥ 1,0 N/mm²
- After heating	≥ 1,0 N/mm²
- After normal condition	≥ 1,0 N/mm²