DW 7000 EPOXY

Unit of measurement	Pieces/Pallet	Consumption	Color/Other specifications
5 kg/A&B 10 kg/A&B	60 pcs/pallet 36 pcs/pallet	1.5 kg/m²/ mm	White

DW 7000 EPOXY
Two component epoxy base tile adhesive, free of solvents. It is characterized by high resistance to compression, flexural and adhesive strength. DW 7000 EPOXY is resistant to some acids, alkalis, corrosive concrete agents, cleaning agents, sea water and salt water.

CLASSIFICATION OF PRODUCT
According to EN 12004 standard, it is classified as R2T tile adhesive, with improved adhesive strength and without vertical slip.

CHARACTERISTICS
The product is characterized by outstanding workability, and the work tools easily cleaned with water before the solidification of the product.

AREA OF APPLICATION:
DW 7000 EPOXY is applied in those environments where high strength to mechanical loads and resistance to chemical agents is required. The product is used for adhering tiles in industrial environments. It is used for fixing tiles on the walls, and for filling joints in walls in industrial environments, such as: breweries, dairies, laboratories, slaughterhouses and in other sectors of food or chemical industry, as well as swimming pools, kitchens etc. It is suitable for fixing tiles in different surfaces, such as concrete, mortar, metal, wood, etc. it can also be used for filling joints up to 6 mm wide.

APPLICATION PROCEDURE
1. Preperation of the surface
The surface should be dry, clean, stable, slightly rough and free of materials that prevent adhesion, such as: dust, oils etc. If necessary, the surface should be pre-prepared by washing, roughening, etc. in cases of walls, they should be rubbed with a wire brush or another similar item.

2. Product Preparation
Component A (resin) and component B (solidifier) are supplied in two separate buckets in a predetermined proportion to weight ratio. The whole quantity of component B should be added to component A. the stirring of the two components should be made for about 5 minutes, by using a low speed agitator (300 rotations/ min). It is important to stir well in the edges and bottom of the bucket so as to achieve a thorough mixture and a uniform distribution of the solidifier.

APPLICATION
a) As Adhesive
The product should be applied using a notched screed so as to achieve a uniform opening of the product in the entire surface. Tiles are placed on the opened material by pressing and moving them until they reach the desired position.
b) As Grout
Joints should be clean and dry so as to apply the product through a rubber screed in a diagonal direction to the direction of the joint; this way, you will achieve a complete filling and will remove the excess material. After DW 7000 EPOXY gets sufficiently dried, the excess quantity on the tiles is removed by using a wet and smooth sponge. After that, make the final cleaning with a clean sponge. Using lukewarm water makes cleaning easier. For a better cleaning, add 10% of solvent into the water that you will use for cleaning.

PACKAGING
DW 7000 EPOXY is supplied in 5 kg and 10 Kg in proportion with the predetermined weight mixture. The bucket of B component is inserted in the container of A component.

SHELF-LIFE-STORAGE
24 months from the production date, if preserved in its original closed packaging, in environments protected by moisture and direct exposure to sun. Storage temperature should be between +5°C and +35°C.

TECHNICAL DATA (IN 23°C AND 50% U.R)

Base	Bi-component epoxy resin
Color	White
Viscosity	80,000 mPa.s
The mixing ratio	4:1 in weight
Density	1,73 Kg/lit
Pot life	Approximately 60 min in 23°C
Cleaning	in 45 min in 23°C
Passing	after 16 h in 23°C
Minimal solidifying temperature	+10°C
Partial solidification	after 48 h in 23°C
Full solidification	after 7 days in +23°C
Resistance to compression	62,8 N/mm² (DIN EN 196 - 1)
Flexural strength	> 35 N/mm² (DIN EN 196 - 1)
Adhesion strength	(7 days) > 5,6 N/mm²
Adhesion strength after immersion in water	> 5,1 N/mm²
Adhesion strength after heat	> 4,5 N/mm²
Slip	≤ 0,5 mm
All measurements were conducted according to EN 12004	
Cleaning tools	Tools should be cleaned with water after each work interruption