



Momtaz Bell Gostar
(private joint stock)
www.deltaadhesive.com

TECHNICAL DATA SHEET (TDS)

STONE ADHESIVE

Delta Stone and Marble Adhesive

Delta Stone Adhesive is unsaturated polyester resin based, two component adhesive which is a product suitable for building natural and artificial stones. Also to fill the stone or marble cracks and holes in buildings or places like bathrooms. This product is a two component adhesive which needs the hardener to cure. One of the advantages of this product is the polishing ability after curing. Delta stone adhesive is producing in the following types:

- Type 1 → Common stone adhesive
- Type 2 → Mastic stone adhesive with different colors
- Type 3 → Transparent stone adhesive

Characteristics

- Two-part adhesive manufactured based on unsaturated polyester
- Having the proper time of drying in different seasons
- Extremely high ultimate strength
- Resistant to temperature change and lapse of time after drying
- Ability to use lathing machine and abrasive on it
- Resistant to weak soluble such as oil and gasoil
- Dyable using mineral pigments

Direction of use

Surface preparation: Clean the surface from dust, grease or any color residue to have the best tack result.

Application procedure: The package contains two components, one is adhesive and the other is hardener; add two percent hardener to the adhesive and mix thoroughly. Then apply on the stone surface and stick to the other surface immediately before the adhesive cures.

Storage and Shelf life

It should be kept and stored in a cool and dry place within 5 -25 °c.

TYPES	COMMON	MASTIC	TRANSPARENT
SHELF LIFE	1 year	1 years	1 year

Physical & Chemical Properties

Specification	Common	Mastic	Transparent
Color	Cream-colored	Cream-colored	Pale yellow
Polymer base	polyester	polyester	polyester
Viscosity (at 21°C) cps	25000-30000	High viscous	3000-5000
Specific gravity (at 25°C) g/cm³	1.7	1.75	1.00
PH	5-6	5-6	5-6
Gel time (min)	4-6	4-6	4-6

Safety and health

Surface preparation: Clean the surface from dust, grease or any color residue to have the best tack result. Delta stone adhesive should be kept away from smoke, sparks or fire and hot weather. In order to protect the respiratory system, it must be used in a well-ventilated place. If it contains with your skin and eyes, wash immediately with a lot of water and see a doctor. In fire time, use CO2 gas or fire extinguisher power.

Packaging

Packaging	Numbers in a box
300 g	36
1 Kg	12
Gallon (10 Kg)	1