



ADVATILE EGA

High Performance Epoxy Resin Ceramic Tile Adhesive and Tile Grout

DESCRIPTION

ADVATILE EGA is a three component solvent-free epoxy resin based tile adhesive and tile grouting system, which provides excellent adhesion and chemical resistance in medium and heavy duty, hygienic application of tile fixing.

TYPICAL USES

ADVATILE EGA is designed to provide permanent fixing for ceramic tiles where a hygienic, chemically resistant and waterproof adhesive is required. It is designed as an impervious, high strength adhesive and grouting material offering excellent chemical resistance. The product is recommended for wall and floor tiling where hygiene is of paramount importance, particularly:

- Food processing areas and industrial kitchen
- Swimming pools
- Hospitals & Laboratories
- Plants and Electrical substations
- Heavy duty workshops and garages
- Bottling plants and breweries

ADVATILE EGA should be used in critical situations where traditional cementitious adhesives are inappropriate particularly in aggressive environments. It has a good

resistance to commonly encountered dilute acids, alkalis, salts, oils and fats.

STANDARDS: ANSI A118.3, ASTM C881-78 Type 1, Grade 3, Class B & C

ADVANTAGES

- Excellent adhesion even in immersed conditions
- Hygienic – will not encourage bacterial growth
- Excellent application characteristics & chemical resistance
- Dual purposes bedding and grouting of tiles Suitable for vertical and horizontal applications in interior and exterior locations

PACKAGING: 5 Litres Set (3 Components)

TECHNICAL PROPERTIES

Component	3Components PART A : BASE PART B : HARDENER PART C : COLOR
Pull off strength (BD 1881 Part 207)	2.6 N/mm ²
Mixed Density	1.90 kg/liter/+/- 0.05
Compressive Strength (ASTM C579) 7 days	>80 N/mm
Flexural Strength BS 6319-3@7 days	35 N/mm ²
Tensile Strength BS 6319-7 1 @ 7 days	16.5 N/mm ²
Working Time	30 minutes
Full Cure	7 days

(The properties shown above were obtained under laboratory conditions at and may vary in practice).

CHEMICAL RESISTANT CHART

VERY GOOD TO:

10% Lactic acid, 10% Citric acid, 40% Phosphoric acid, 50% Hydrochloric acid, 50% Sulphuric acid, Concentrated bleach, Saturated sugar solution, Saturated urea solution, White spirit, Oil, Petrol, Greases, Xylene, 10% Ammonia, 50% Caustic soda

GOOD TO: Butanol, Skydro

APPLICATION INSTRUCTION

SURFACE PREPARATION

The substrate must be clean and dust free. All contaminants such as friable material, grease and oil should be removed completely

MIXING

The total contents of the hardener should be emptied into the base component and stirred thoroughly using a suitable spatula or drill and paddle until a smooth paste which is uniform in colour, is obtained. Add component C (the color part) and continue mixing till a uniform consistency is achieved.

APPLICATION

The mixed material should be applied to the substrate using a toothed tiling comb. The tiles should be pressed firmly in place using a twisting action to ensure good contact with the adhesive.

Typical adhesive depths will approx. 3 – 4 mm. Remove any excess adhesive from the surface of the tiles with a dry cloth immediately. The joints between tiles may be grouted using ADVATILE EGA applied by plastic spatula, working on a maximum area of 0.5m² at a time.

COVERAGE

AS TILE ADHESIVE: 0.5 m²/lit @ 2mm thickness
AS TILE GROUT

Tile Size (W X B)	Tile Thickness (mm)	Joint Width (mm)	Grout Consumption ltr/m ²
200 X 200	6	5	0.370
400 X 500	6	5	0.170

STORAGE

Store out of direct sunlight, clear of the ground on pallets, protect from rainfall. Avoid excessive compaction. At temperatures above 35°C, the pot life will be reduced.

Shelf life is 12 month when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BAUTECH CHEMICAL INDUSTRIES Technical Services Department.

CLEANING: Clean all equipment using BAUTECH Cleaning Fluid.

PRECAUTIONS

HEALTH AND SAFETY PPE's: Gloves, Safety goggles & suitable mask must be worn.

FLAMMABILITY

ADVATILE EGA is non-flammable.

FLASHPOINT

ADVATILE EGA >150°C
BAUTECH CleaningFluid >40°C

ADVATILE EGA and BAUTECH cleaning fluid should not come into contact with eyes or skin, nor should it be ingested. If contact with skin occurs, rinse with water then clean using soap and water.

If swallowed, DO NOT induce vomiting. Seek medical attention immediately. While using BAUTECH Cleaning Fluid ensure adequate ventilation and avoid inhalation of vapor

Hazard: Regarded as non-hazardous for transportation.

Disposal: Do not re-use containers. To be disposed off as per local rules and regulations.

Note: Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, as the conditions of any labor involved in the application is beyond our control. BAUTECH CHEMICAL INDUSTRIES shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of this product. It is the responsibility of the user to ensure that the product meets his particular requirements and to use it in a suitable way. Field service, where provided, does not constitute supervisory responsibility. For additional Information contact your local BAUTECH CHEMICAL INDUSTRIES representative.



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