



## Technical Sheet

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### 1 Identification of the product and the company

- **Product informations**
- **Trading name: ADRIAGLUES**
- **Chemical name of the product:** Bi-component polyester glue
- **Article number:**
- **Manufacturer/Supplier:**  
Abrasive Adria S.r.l.  
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### 2 Product description

Polyester resins are characterized by high reactivity, fast curing, no loss of underproducts during reticulation, low shrinkage while curing (1-6%); they present good chemical inertia and high duration in time. These glues are the result of a long and well established experience of our Company in knowledge and use of polyester resins, especially in marbles and natural stones.

The choice of first quality raw materials and a severe selection of our suppliers assure the best constancy of physical-mechanical properties and quality. In "loaded" glues, we pay particular attention to purity and grain size of minerals, in order to assure the product an higher inertia, resistance and homogeneity. An endless research and formulation adjustment job let us meet, through a wide range of products, market needs in a more flexible and specific way.

Versions available:

- Solid
- Semisolid
- Liquid

### 3 Hazard

This product must be used in accordance with indications and instructions as reported in the safety data sheet. Once hardened, it presents no particular hazard and it can be disposed as special urban waste.

### 4 Technical data

**Physical state:** paste or fluid paste or liquid

**Colour:** pale yellow

**Stability:** more than 12 months (in closed container)

### 5 Preparation

Best results can be achieved by mixing the glue with 2-3% of the catalyst (benzoyl peroxide); paste version makes dosage easier. Homogeneous mixing promotes an uniform catalysis. Temperature and the amount of catalyst influence catalysis speed.

An excess of curing agent increases speed, but at the same time weakens glue strength.

Applying surfaces must be clean and dry; porosity and roughness of the surface improve glue adhesion.

The colourable glue is the pale yellow one. You can never colour white glue. Dyes weaken glue properties. Hardened glue is perfectly workable: sandable,



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polishable, from few minutes to several hours depending on the accelerating agent used in the formulation.

### 6 Properties

- **Mixing time:** 1 minute
- **Applying time (Pot-life):** 1-4 minutes
- **Gel time (after Pot-life):** 5-7 minutes
- **Elongation:** 2.1%

### 7 Other informations

These informations are based on present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. They don't justify any juridical contractual term.

Users must make sure of the suitability and completeness of the informations related to the specific use of the product.