

# DURA EP PASTE

EN 1504-4

## Multipurpose two component epoxy paste

### DESCRIPTION

Two component epoxy paste without solvents, based on selected resins and fillers

### FIELDS OF APPLICATION

Ideal for concrete repairs, anchoring of reinforcement and as an adhesive for most common building materials.

### CHARACTERISTICS/ADVANTAGES

- High thixotropy
- High mechanical strength
- Strong adhesion
- Easy to apply

### PRODUCT INFORMATION

#### Packaging:

Metal containers (sets of A+B=1kg)

Component A (resin)=0.75kg

Component B (hardener) = 0.25kg

#### Storage conditions:

Maximum storage time in intact packaging, dry environment and ambient temperature between 5°C - 30°C: 18 months from the production date

## TECHNICAL CHARACTERISTICS

Modulus of elasticity in flexure (EN ISO 178):	> 2000 N/mm <sup>2</sup>
Shear strength (EN 12188):	> 12 N/mm <sup>2</sup>
Maximum available time from mixture until bonding (EN 12189):	10min
Workable life (EN ISO 9514) :	25 min
Modulus of elasticity in compression (EN 13412):	> 2000 N/mm <sup>2</sup>
Glass transition temperature (EN 12614) :	>40°C
Shrinkage for structural bonding agents (EN 12617-3):	<0.1%
Coefficient of thermal expansion (EN 1770):	≤ 100 x 10 <sup>-6</sup> per K
Suitability for application to vertical surfaces (EN 1799):	Conforms to specification
Suitability for application to horizontal surfaces (EN 1799):	Conforms to specification
Suitability for injection (EN 12618-2) :	Conforms to specification
Suitability for application and curing under special environmental conditions (EN 12188) :	Conforms to specification
Adhesion (EN 12188) :	Conforms to specification
Durability (EN 13733):	Conforms to specification



14

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NORDIA S.A.  
364 Kifissias Av., 15233 Chalandri, Athens/ Greece

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MARMOLINE DURA EP PASTE  
Structural bonding product for plate bonding and high performance applications in construction works

## DIRECTIONS OF USE

## CONSUMPTION

For a thickness of 1mm, approx. 1.65 kg of the mixture is required per m<sup>2</sup>.

## APPLICATION

- The surface to apply DURA EP PASTE should be structurally sound, relatively smooth, dry, clean and free from any foreign particles.
- Before mixing the two components, mix each component separately and then mechanically mix component A and component B for about 2-3 minutes, to achieve a homogeneous grey mixture.
- The paste is applied with a trowel or spatula

## COMPLIANCE WITH STANDARDS

CE marking and Declaration of Performance according to EN 1504-4 (Structural bonding product for bonded mortar or concrete)

## HEALTH, SAFETY & ENVIRONMENTAL PROTECTION

Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety, are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website <https://marmoline.gr/> or upon request.

## LEGAL NOTICE

We guarantee the quality of all our products, based on their technical specifications, as described in

the Declaration of Performance (CE) and this Technical Data Sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depends on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project.

All data stated in this Technical Data Sheet are based on laboratory tests. The really measurable data might differentiate due to conditions that are not subject to our control. The recommendations and implementation instructions must be considered by the user as indicative, and always with given that the product has been traded and traded and stored according to its instructions.

As it is not possible to control the parameters/conditions of its application product in practice, no guarantee is provided for the final result of each application. Consequently, no legal liability of the Company can be established based on the information and instruction given in this Technical Data Sheet.

The Company reserves the right to modify data listed in this Product Data Sheet, with no previous warning. Users must refer to the latest version of the product Technical Data Sheet .