

DURA EP PASTE

Multipurpose two component epoxy paste

EN 1504-4

EN 1504-6

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

Shear strength (EN 12188):	$\geq 12 \text{ N/mm}^2$
Shear strength (EN 12615):	$\geq 6 \text{ N/mm}^2$
Maximum available time from mixture until bonding (EN 12189):	10min
Workable life (EN ISO 9514) :	25 min
Modulus of elasticity in compression (EN 13412):	$\geq 2000 \text{ N/mm}^2$
Glass transition temperature (EN 12614) :	$\geq 45^\circ\text{C}$
Shrinkage for structural bonding agents (EN 12617-3):	$\leq 0.1\%$
Coefficient of thermal expansion (EN 1770):	$\leq 100 \times 10^{-6}$ 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 DoP: 213 MAR-CPR 0906
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 1504-4 MARMOLINE DURA EP PASTE Structural bonding product for plate bonding and high performance applications in construction works

 14 DoP: 218 MAR-CPR 0906
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 1504-6 MARMOLINE DURA EP PASTE Anchoring product for strengthening concrete by installing reinforcing steel (rebars), in buildings and civil engineering works

DIRECTIONS OF USE

CONSUMPTION

For a thickness of 1mm, approx. 1.65 kg of the mixture is required per m².

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) & EN 1504-6 (Anchoring product for strengthening concrete by installing reinforcing steel (rebars), in buildings and civil engineering works)

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 .