

## DURA EP PASTE

### MULTIPURPOSE TWO COMPONENT EPOXY PASTE

*Great strength, high resistance*

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

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



- Advantages:**
- High thixotropy
  - High mechanical strength
  - Strong adhesion
  - Easy to apply


**Packaging /distribution :** Metal containers (sets of A+B=1kg)  
Component A (resin)=0.75kg, component B (hardener) = 0.25kg


**Storage:** Maximum storage time in intact packaging, dry environment and ambient temperature between 5°C - 30°C: 24 months from the production date

**Specifications:** EN 1504-4 & EN 1504-6

**TECHNICAL DATA:**

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 DoP: 213 MAR-CPR 0906
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece EN 1504-4:2005
MARMOLINE DURA EP PASTE Structural bonding product, for bonded mortar or concrete, in buildings and civil engineering works (Method 4.3, 4.4)

 21 DoP: 218 MAR-CPR 0906
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece EN 1504-6:2006
MARMOLINE DURA EP PASTE Anchoring product for strengthening concrete by installing reinforcing steel (rebars), in buildings and civil engineering works

## APPLICATION:

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

**Application mode:**

- 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

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