



# MAXIMO MULTI PURPOSE EPOXY

## TECHNICAL DATA SHEET



### PRODUCT DESCRIPTION

**MAXIMO MULTI-PURPOSE EPOXY** is a solvent-free, moisture tolerant, non-sag epoxy bonding agent and repair mortar, with non-sag capability of above 18mm. It can be used for vertical, horizontal and overhead application



### RECOMMENDED APPLICATIONS

As a structural adhesive and mortar for concrete, natural stone, Ceramics, fiber cement, Bricks, Steel, Iron, Aluminum, Wood, Polyester, Epoxy, Glass and other construction materials. As a repair mortar and adhesive to corners and edges, holes and void filling, vertical and overhead use, joint filling and crack sealing, foundation column repair and other applications.



### ADVANTAGES

- ✓ Excellent adhesion to most construction materials
- ✓ Thixotropic, non-sag in vertical and overhead applications above 18mm thickness
- ✓ Hardens without shrinkage
- ✓ No primer needed High initial and ultimate mechanical strength
- ✓ Good abrasion resistance
- ✓ Impermeable to liquids and water vapor
- ✓ Low Volatile Organic Compound (VOC) content
- ✓ Good chemical resistance



### PRODUCT INFORMATION

Mix Ratio: 1 Part A base, 1 Part B hardener

Pot Life: 45-50 mins

Curing Time: 24 hrs

Compressive Strength after 1 day: 7,620 psi

Compressive Strength after 3 days: >10,000 psi

Highly resistant to acids, alkalis, oils and solvents

Shelf Life: 24 months



### ENVIRONMENT

Our facility complies with the proper waste management procedures. Our products are also free of ozone depleting substances.



### APPLICATION INSTRUCTION

#### SURFACE PREPARATION

Substrate must be clean, sound, and free from foreign material such as oil, curing compound, chemicals, coatings, wax and other materials. Remove dust preferably using a vacuum.

#### MIXING

Mix 1:1 ratio of **MAXIMO MULTI-PURPOSE EPOXY** Part A base and Part B hardener thoroughly using a slow speed electric drill or hand mix the product, until desired homogeneous paste is achieved.

#### APPLICATION

For thin layer adhesive, apply the mixed adhesive to the prepared surface with a spatula or steel trowel. After application, you may now press the other material on top of the adhesive. Apply pressure during adhesion. For repair mortar application, you may use some formworks if needed.



### HEALTH & SAFETY

Wear appropriate personal protective equipment, such as gloves, safety goggles or glasses, and protective clothing. This helps to prevent skin contact, eye irritation, and inhalation of epoxy fumes or particles.



### QUALITY & DURABILITY ASSURANCE

Our stringent Quality Assurance Procedure for every batch of products manufactured. Our R&D Laboratory based in our production facility ensures that scientific Quality Control Parameters are measured for quality.

Our Quality Control Parameters ensure the stability of our products, ensuring the long-term durability amid exposure to various element and weather conditions.



### SUSTAINABILITY

Our company is committed to Carbon Neutrality thru our various programs such as our GHG Emission Reduction Logistics Approach and OPTI Trees Planting Program.

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