

# EKOPLAST | 50

## HEAT INSULATING PLASTER

Light weight, Glass bead, Polymer modified, Fiber reinforced, Heat insulation plaster

- ▶ Class 1 Fireproof
- ▶ High Insulation Value
- ▶ Hydrophobic
- ▶ Vapor Permeable
- ▶ Exterior/ Interior
- ▶ Sound Dampening
- ▶ Mold and Mildew Resistant
- ▶ Water Mix Only
- ▶ Easy Application
- ▶ Environmentally Friendly
- ▶ Silica Free



**APPLICATION** Used on solid backing of **Concrete, Cement Block, Brick, Drywall, exterior/interior Plasterboard, OSB, Steel structures,** and many other substrata. By using trowel or pump spray.

**SURFACE PREPARATION** Surfaces must be structurally sound. Clean, dry and free of dust, dirt or other contaminants impairing bond. Prepare surface to be smooth and free of cracks, holes and voids.

**MIXING** Mix 20 kg (44lb) of **EkoPlast-50** with 15 liters (4 Gallons) of water 6-8 minutes using low speed mixer, until the mixture reaches a smooth trowable consistency. Working time is about 2 hours depending on temperature.

**TYPES OF APPLICATIONS** *On BRICK/CONCRETE SURFACES:* Apply **Kemset Coarse Primer** for better bonding. Allow the primer to dry before applying **EkoPlast-50**.

*On OSB/PLYWOOD/WOOD/EXTERIOR PLASTER-BOARD ETC.:* Apply generous amount of **Kemset Coarse Primer** for better bonding and waterproofing. Waterproofing paper can be used to prevent moisture getting to the substrata. Fiber mesh, Screeds, Joint tapes etc. should also be used to prevent any cracks and for additional strength. Allow **Kemset Coarse Primer** to dry 12 hours before applying the **EkoPlast-50**.

**MULTIPLE COATS:** Each coat of **EkoPlast -50** can be applied up to 2,5 cm (1 inch) thickness. For best results in multiple coat systems, use heavy weight Fiber Mesh between coats.

**FINISHING** Use screeds where necessary to thickness for even flat finish. There are various finish trowel techniques to create variety of final finishes. Wait 48-72 hours before painting

**COVERAGE** 20 kg (44 lb) Bag 1cm ( 3/8 inch) thick approx.: 4.7 m<sup>2</sup> (51 sqft)  
2cm (3/4 inch) thick approx.: 2.35m<sup>2</sup> (26 sqft)  
2,5 cm (1 inch) thick aprox.: 1.9 m<sup>2</sup> (20 sqft)

**STORAGE CONDITIONS** Store **EkoPlast-25** indoors at temperatures above 5C (40F) in clean, dry enviroment.



**NEW  
GENERATION  
PLASTERING**

## TECHNICAL SPECIFICATIONS:

Conformity to:  
EN 998-1 ( TA, CSII FP,B,W1,T1)  
ASTM 1860-18  
ASTM C518

Dry Density: 450±50 kg/M3  
Heat Conductivity: W/mK =0,065  
Compressive Strength: CSII ≤1,50 N/mm<sup>2</sup>  
Bond Strength: 0,30 N/mm (2,85)<sup>2</sup>

## CLASS 1 A FIREPROOF

### WARNING – HAZARDOUS: CONTAINS CEMENT – LIME

**RISK** : Cement / Lime may cause respiratory, skin and eye irritation. Wet cement can be irritating and corrosive to the eyes and skin, and may cause skin sensitization (dermatitis).

**SAFETY** : Avoid contact with the eyes and skin from both wet and dry cement. Avoid inhaling the dust and wear suitable protective clothing covering the skin including eye protection, gloves, and suitable respirators. Empty bags into the mixer and add water quickly to minimize dust generation. Keep out of the reach of children.

**FIRST AID** : Flush eyes and wash skin thoroughly with clean water. If inhaled, vacate dusty area immediately. Seek medical attention if irritation persists. If swallowed do not induce vomiting. Drink plenty of clean water and seek medical attention immediately.

**SPILLS / LEAKS** : Maintain work area and keep clean. Keep out of sewers and storm water drainage.

**DISPOSAL** : Follow above safety instructions and collect in disposal containers in accordance to local disposal requirements. Dry material can be recycled.

**MANUAL HANDLING** : The weight of this bag and contents may be as much as 10% above the stated weight on the bag. It is a large bag and difficult for one man to handle. Manual handling of this product without due care and attention could result in physical injury. Wear back supports and use team lifting when manual lifting is required. Follow all OSHA recommendations.

**ADDITIONAL INFORMATION / UPDATES** : Updated Material Safety Data Sheets (MSDS) and Product Data Sheets are available at [www.kemsetusa.com](http://www.kemsetusa.com)

**WARRANTY** : KemsetUSA warrants this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product found to be defective as purchased. In the event of a claim under this warranty, notice must be given to Kemset USA in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

# CE

EN 998-1  
ASTM C1860-18



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