



EKOPLAST | 50TM

WALL
ROOF
SUBFLOOR

HEAT INSULATING PLASTER



LIGHTWEIGHT / MICROGLASS / POLYMER MODIFIED

- ▶ 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: Use 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. Ambient temperature to be between 45 F (7C) – 100 F (38 C). Keep hydrated for day or two depending on weather conditions.

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.

PRIME : Apply generous amount of **Kemset Coarse Primer** over the prepared surface, and allow **Kemset Coarse Primer** to dry 12 hours before applying **EkoPlast-50**.

Fiber mesh, Screeds, Joint tapes Should also be used to prevent any cracks and for additional strength.

Control joints: To reduce the potential shrinkage cracking limit the size of wall panels to 144 sqft (14 m2).

Expansion joints: Use as needed when there is a change in substrates, inside corners to prevent potential cracking due to changing in temperatures.

Corner beads: To be used all outside edges to protect the exposed stucco and provide clean finish lines.

USE : Water resistant building paper , Trim accessories, Weep screeds, Casing beads, Galvanized expanded metal lath, Galvanized nails and staples where necessary.

MULTIPLE COATS: Each coat of **EkoPlast-50** can be applied up to 2,5 cm (1 inch) thickness. For best results apply in multiple coats and allow at least 2 hours drying between coats, depending on weather conditions. Fiber mesh can be used between coats for extra strenght if desired.

MIXING: Mix 20 Kg (44 lb) of **EkoPlast-50** with 3 gallons (11.5 liters) of water for 6–8 minutes using low speed mixer until the mixture reaches a smooth trowable consistency. Add more water if necessary. Working time is about 2 hours depending on weather conditions.

FINISHING: Use screeds where necessary to adjust thickness. When mortar cures to touchable condition, skim coat / trowel for even flat finish. Wait 48 – 72 hours until the mortar completely dries before painting. depending on weather conditions and thickness of the application.

COVERAGE: 20 Kg (44 lb) bag:

1 cm (3/8 inch) thick approx: 4.7 m2 (51 sqft)
2 cm (3/4 inch) thick approx: 2.35 m2 (26 sqft)
2,5 cm (1 inch) thick approx: 1.9 m2 (20 sqft)

STORAGE CONDITIONS: Store **EkoPlast-50** indoors at temperatures above 5 C (40 F) in clean dry environment.



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ISO 9001: 2015
ISO 14001:2015

CE
EN 998-1

TCS
ISO 9001



EKOPLAST 50

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EKOPLAST 50
Thermal Insulation Plaster
Technical Specifications:

ISO 9001: 2015 , ISO 14001 2015 TCS CERT

CE EN 998-1

Apperance:	White powder
Dry density:	450± 50 kg/m3
Thermal conductivity:	T1 < 0.1 – 0.065 W/mK
Compressive strenght:	CSII > 1.4 N/ mm2
Bond strenght:	> 0.3 N/ mm2
Water absorbtion:	W1 0.25 kg /m2 .min 0,5
Water vapor permeability:	3,49q
Fire resistance:	Class 1A Fireproof



WARNING – HAZARDOUS MAY CAUSE IRRITATION

RISK: May cause respiratory, skin and eye irritation.

SAFETY: Avoid contact with the eyes and skin. Avoid inhaling the vapors and wear suitable protective clothing covering the skin including eye protection, gloves, and suitable respirators. Keep out of the reach of children.

FIRST AID: Flush eyes and wash skin thoroughly with clean water. If inhaled, vacate 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 it clean. Keep out of sewers and storm drainage.

DISPOSAL: Follow above safety instructions and collect in disposal containers in accordance to local disposal requirements.

MANUAL HANDLING: The 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 Sheet (MSDS) and Product Data Sheet (PDS) are available at KEMSET.COM

WARRANTY: KEMSET USA 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 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 other express warranties and expressly excludes liability for consequential damages.

WARNING: This product contains impurities known to the State of California to cause cancer and / or birth defects or other reproductive harm

Keep out of the reach of children.



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20kg
(44lbs) ± 5%