

# Technical Data Sheet



**Ressi Insufix 200** is an adhesive mortar for fixing expanded polystyrene (EPS) insulation boards to cementitious substrates. Also for the creation of reinforcing layers incorporating glass-fiber mesh applied onto **Ressi Insufix 200** or Standard EPS insulation sheets, and other solid, sound substrates, e.g. concrete block and bricks etc.

## Properties

- ✓ High adhesion
- ✓ Vapor permeable
- ✓ Weather resistant

## Mixing

It is important that water is premeasured in accordance with the amount of material used. The mortar powder should be added over the water to avoid the settlement of the material at the bottom of the mixing container. The mixing container should be uncontaminated, non corrosive and clean. Only potable water should be used for mixing. It is also recommended that material should be mechanically mixed with a mortar mixer or other mechanical mixing methods to obtain a consistent lump free mix.

## Application

Once properly mixed, **Ressi Insufix 200** is applied on the Expanded polystyrene sheet and completely on the wall and then glued on to the cementitious surface of concrete or masonry. Ensure that there is no empty space un-applied on the sheet and also on the cementitious substrate. Once the expanded polystyrene sheet is properly installed over the substrate **Ressi Insufix 200** is also used in installing the Fiber Glass mesh onto the substrate. After which it is Rendered and leveled and insulation system proposed by Ressichem is followed. For further information with Regards to the application of the Insulation systems by Ressichem Please Refer to our Insulation brochure.



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## Shelf life

Expiration of **Ressi Insufix 200** is at 12 months after production date under dry and sheltered conditions.

## Technical Data

Appearance	Grey Powder
Composition	Contains Cement and selected aggregates along with additives to improve consistency, workability and durability
Maximum aggregates size	3.36 mm
* Water application	22% $\pm$ 5%
* Wet mix life	Tested as per BS EN 1015-9 Approximately < 2 hours @ 20°C
* Compressive Strength: <sup>1</sup>	Tested as per BS EN 1015-11 28 Days 35.00 N/mm <sup>2</sup>
* Flexural Strength	Tested as per BS EN 1015-12 28 Days 8.00N/mm <sup>2</sup>
* Approximate Yield/Coverage	0.66 m <sup>3</sup> /T

\* Typical results under laboratory conditions

## Health & Safety

**Ressi Insufix 200** is regarded as non hazardous for transportation. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application.



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## Packaging

Ressi Insufix 200 is available in 50 KG bags.

## Curing

Curing for 72 hours where hot climatic conditions prevail.



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