

UniTherm INSULATION SYSTEM

SOOJUSTUSE KLEEPSEGU

INSULATION BONDING MIX

**FOR EXPANDED POLYSTYRENE, MINERAL AND GLASS-WOOL SURFACES
FOR LEVELLING SUBSTRATES
FOR INDOORS AND OUTDOORS USE**

SUBSTRATE

- Concrete and plaster surfaces. Various construction blocks and stones, also other expansion-proof mineral surfaces.
- The substrate shall be clean, hard and dust-free. Clean substrates from substances reducing bonding properties, such as loose paint, grease, dust, etc.

MIXING

- Water consumption is 20-24% or 5-6 litres of clean tepid water per 25 kg dry mix package.
- Pour the necessary quantity of water into the mixing bowl. Add mix powder.
- Mix carefully until the mixture is completely wet. Wait for a couple of minutes and stir lightly once again.
- Depending on environmental conditions use ready-made bonding mix within 2-3 hours.

APPLICATION

- Smooth and even substrates: apply bonding mix with the aid of a scratcher over the substrate or insulation material.
- Uneven substrates: apply bonding mix in the form of an even swath onto the back side of the insulation material, about 5 cm from the edges.
- Add 3-4 mix balls into the centre of the insulation board. Use an uphill installation direction.
- Check that bonding mix does not fall between insulation boards.
- Check regularly that the installed installation material is set level.

CURING

- The already installed insulation boards can be additionally fixed with connectors in a day.
- Use normally 6 connectors per m² of insulation material.
- The installed insulation is ready for armouring with UniTherm Armouring glue in 24 hours.
- Insulation bonding mix is dry and lightly load-bearing in 2-3 days.

CONSUMPTION

- When gluing insulation boards consumption of bonding mix depends on the evenness of the substrate.
- Average consumption is 4 kg/m².

LIMITATIONS – WARNINGS

- Substrate and ambient temperature during the application process shall exceed +5 °C.
- The product contains cement. Contact with water causes an alkaline reaction. Can cause skin irritation. Upon contact with eyes rinse immediately with plenty of water.
- For more specific information please refer to the Safety Data Sheet.

STORAGE

- Shelf life in original package and in dry storage conditions is up to one year.