



Superwand DS[®]

Insulation board for the inside insulation of outside walls

- ⊙ Superwand DS[®] insulation board is made of rigid polyurethane foam, coated on both sides with a vapour barrier and mineral paper



Superwand DS[®] guarantees optimum thermal insulation with minimum thickness

Superwand DS[®] with a built-in vapour barrier

Superwand DS[®] is extremely pressure-resistant yet still ultra-light

Superwand DS[®] is ideal for renovation work since no changes are needed to doors, windows, etc.

Superwand DS[®] can be wallpapered, painted or plastered with no problems



Material

Superwand DS® thermal insulation board is made of rigid polyurethane foam, coated on both sides with a vapour barrier and mineral paper for easy wallpapering, extremely pressure-resistant.

Measured thermal conductivity
 $\lambda = 0,025 \text{ W/mK}$
 Vapour diffusion resistance
 $sd = 550 \text{ m equiv. air space thickness}$

Forms of delivery

Superwand DS®

Art. no.	Thickness	Box à
33000	10 mm	10 boards
33010	20 mm	5 boards

Superwand DS® soffit board

Art. no.	Thickness	Box à
33005	5 mm	20 boards

Superwand DS® edge protector

Aluminium angle bracket: 2 x 14 mm
 Art. no. Roll à
 33150 30 m

UNIVERSAL insulating wedge

Art. no.	Thickness	Box à
33105	20/3 mm	10 wedges

Processing

Pre-treatment of the base:
 Wash off mould correctly (not dry) and remove wallpaper. The base must be clean, dry, smooth, portable and homogeneously absorbent. Treat base with an aqueous sealing primer if necessary.

Gluing

Apply **Korff-Superwand DS adhesive** or **Metylan Ovalit S** with a 4-5 mm toothed trowel (e.g. B3 or C1) all over the rear of the board or on the absorbent base. Consumption approx. 1.0 kg/m².
 Place Superwand DS® on the wall, align and abut without joints. Apply boards from bottom to top and make sure that they fit closely with the ceilings and floors. Superwand DS® should be carefully pressed into place with a roller.

Knocking into place with a rubber hammer and hardwood board is even better.

Drying period

At least 5 days depending on the temperature of the base and the ambient air. The drying period may be longer in extreme cases (winter months). Perform a test with the adhesive beforehand in any case.



Pointing

Butt joints and overlaps at the board joins should be levelled with dispersion type filling compound. Larger gaps may have to be filled with Superwand DS® strips (same insulation value) and similarly levelled.



Working over

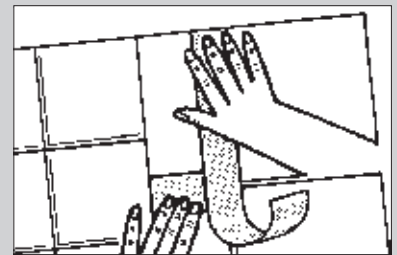
In order to avoid any hairline cracks, reinforce board joints with a reinforcing fabric and smooth over with dispersion-based wallpapering filler.



We recommend covering the entire area with a renovating mat if you are planning any ambitious wallpapering or painting work. In this case no reinforcing fabric is needed when filling the board joints.

A primer coat is needed before the subsequent wallpapering work. This can be in the form of a wallpaper primer, a divisible waste-paper or a renovating mat.

Since the Superwand DS® is steam-tight and therefore cannot absorb any moisture wallpapers should be applied with a minimum amount of paste. Consult a specialist from the wallpaper supplier if using special wallpapers (vinyl, textile, metal).



To protect the edges at soffits we recommend the use of **Superwand DS® edge protection** (made of a paper carrier and two metal strips). This protects the edges against blows and impacts and makes for a clear-cut border.

Proper ventilation is still necessary even after installation of the boards.

UNIVERSAL insulating wedge

The **UNIVERSAL insulating wedge** is used if the ceiling or adjoining internal wall is also affected by 10 - 15 cm of mould. Just like Superwand DS® the insulating wedge is also stuck in the angle between the ceiling and wall or to the adjoining internal wall using **Korff-Superwand DS adhesive** or **Metylan Ovalit S**.

We kindly request

- free advice on **Superwand DS®**
- samples and prices
- further information

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