



Sauna-Satu®

EFFICIENT INSULATION BOARD FOR INSULATING SAUNA WALLS AND CEILINGS



- Suitable for insulating sauna walls and ceilings as well as the ceiling surfaces of bathroom
- Thin structure allows additional space in the sauna and bathroom
- Protects the construction from moisture and prevent moisture from penetrating wall and ceiling structures
- Energy consumption is minimized
- Quality product which is produced in Finland



*Säästä energiaa –
Säästä ympäristöä*

Installation instructions



1. The installation of Kingspan Sauna-Satu® is easy and efficient. You only need a carpet knife, fasteners, foam sealant (OCF) and aluminum tape.



2. Before installing the insulation board cut off the tongue with a carpet knife. Start the installation by applying foam sealant on the floor under the first board layer and to the vertical seam between the board and the wall. In renovation projects installation of the insulation boards can alternatively be started from above the existing socle.



3. Install the first insulation board straight vertical from the floor by placing the edge with the cut tongue downwards. Press the board edge against the foam sealant. The Date code text of the board shall be installed towards the sauna room.



4. Fasten the insulation board on the wall mechanically with a couple of nail clip plugs (stone wall) or timber screws (timber frame wall). Mechanical fastening and the foam sealant ensure a strong adhesion of the insulation board to the wall.



5. Measure the correct board size and cut the board with a carpet knife. Apply foam sealant to the groove of the board before installing the next board. A sufficient amount of foam sealant in the seams and the corners is the same as in the groove of the board.



6. After the foam sealant has been applied to the groove, install the next board. The full-profile eases the installation for the installed boards are supported to the lower boards by their joints. Remove the overfilled, dried foam sealant, e.g. with a thin-bladed carpet knife.



7. Place aluminum tape on each joint. Tape also the penetrations and the joints of the benches and the heads of the fasteners.



8. If the benches are designed with a support on the walls, cut off a slightly bigger insulation piece than the timber battens. Fasten the batten firmly to the wall frame. Seal the seam with foam and tape.



9. For the paneling shall be mounted laths on the wall. Fasten the laths through the Kingspan Sauna-Satu® with nail clip plugs or screws on the behind frame. Use at least 20 mm thick laths, in order to allow a sufficient air gap between the panel and the insulation.



10. Wall tiling below the sauna paneling is attached directly on the Kingspan Sauna-Satu® surface. Before starting the work, measure the height of the upper edge of the tiling.



11. Remove the aluminum foil from the insulation surface on the area of the socle tiling. The aluminum foil is easiest to remove from the side where the board's code text is printed.



12. If necessary, coat the surface of the insulation with a primer in accordance with the manufacturer's instructions. Install the moisture insulation against Kingspan Sauna-Satu®. Tile the socle normally on the insulation board's surface.



13. After the installation of the insulation boards closely seal the penetrations of electrical wiring, ventilation ducts and channels, etc. with foam sealant and tape. Remove the overfilled foam and tape all seams with aluminum tape. Tape also the fasteners' heads.



14. Install panel on the insulation board. It's advisable to insulate both the walls and the ceiling of a sauna with Kingspan Sauna-Satu®. Insulation can also be mounted behind the heater, in accordance with the stove manufacturer's safety instructions.

Product informa-



Board size: 600 x 1200 mm and 600 x 2400 mm
Thickness: 30 mm
Thermal conductivity: λ_D 0,022 W/m·K
Edge: full-tongue-and-groove
Facing: diffusive tight aluminium foil (both sides)



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