CHOICE

energy conservation products for domestic & industry

CONCRETE CEILING INSULATION SYSTEM

THE THIN CEILING INSULATION ROBUST AND HIGHLY EFFECTIVE. With Choice Solutions' PAL KD series you get a warm floor in the living area and significantly reduce your energy consumption.

THE SAFE INSULATION...

The easy way to separate the cold bridge between heated and non-heated rooms. Complete solution for all concrete ceilings.

...IN PERFECT PROFESSIONAL QUALITY...

With a special edge connection Integrated vapour barrier Inherently stable and pressure resistant Insulates extensively and continuously

...FOR PUR(e) ENERGY SAVING...

Noticeably reduced energy consumption Insulation core made of PUR/PIR rigid foam TCL 024 Low construction height – little height loss Environmentally friendly: free of CFC,

Environmentally friendly: free of CFC, HCFC and fibres Positive eco-balance





PUR/PIR for better insulation

ULARS







Other thicknesses on request!

43

63

83

The elements are attached directly to the concrete ceiling with attachment hooks. Push the clamp into the edge of the already fixed elements and dowel to the ceiling. The peculiarity here is that the insulation boards are grooved all the way round. The colour-coordinated grey-white H-joint pofile is now stuck in the grooved joint of the board edges. Push the next element into the profile. After each row insert a continuous H-joint profile into the long edge and assemble the next board row. The elements are laid in formation. Foam the joint on the wall and create the wall connection with L wall connection profiles.

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Maximum insulation performance with the lowest construction heights

In some rooms the height is a point of relevance and the insulation should only reduce it minimally. The thin PUR/PIR insulation elements provide maximal insulation performance with the lowest construction heights. The proof: According to the German Energy Saving Ordinance (EnEV 2009) the U-value of a retrospectively insulated concrete ceiling must be less than 0.30 W/(m2K). At just 80 mm thick, Choice Solutions' PAL KD elements have a thermal conductivity level of 024 and can therefore achieve an U-value of 0.29 W/(m2K) without any further construction.

1.74

2,61

3,48

The insulation boards with aluminium cladding on both sides are extremely moisture-resistant, robust and inherently stable.

Warm ceilings - more light

The PUR/PIR rigid foam insulation elements from Linzmeier don't just save energy. The room-side, white surface of the Choice Solutions' PAL KD White and Choice Solutions' PAL KD Top elements looks good and reflects the light back into the room. Choice Solutions' PAL KD Top creates a stable, impact resistant surface.



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