



LINITHERM PAL
sloped roof

Information on the bonding of the LINITHERM PAL flat roof & gradient insulation system

LINITHERM PAL flat roof & gradient insulation fulfil the requirements for bonding the roof construction (without any additional mechanical fixation and/or additional loads or multi-layer construction) when the following system configuration is used:

System construction:

Vapour barrier:	MOGAT VAL, DS PYE V60 AL and/or G200 S4 + AL
Adhesive:	Soudatherm Roof 250 and/or Soudatherm Roof 330
1 st Insulation layer:	LINITHERM PAL and/or LINITHERM PAL gradient
Adhesive:	Soudatherm Roof 250 and/or Soudatherm Roof 330
2 nd Insulation layer:	LINITHERM PAL and/or LINITHERM PAL gradient
Sealing layers made from bitumen:	
1st sealing layer:	MOGAFIX KSK-U and/or MOGAFIX KSK-U Vent
2nd sealing layer:	MOGAT ALLIGATORHAUT and/or MOGAT APOLLO 05 T
Sealing layers made from plastic:	
Alwitra:	EVALON VSK, Evalon VGSK, EVALASTIC VGSK combined with Alwitra SK or SK-L etch primer

General conditions:

The quantity of the adhesive and the number of adhesive beads depends on the wind suction calculations (membrane manufacturer) and the position of the insulation panels on the roof surface. Additional mechanical fixation around the edges and in the corners may be necessary under certain circumstances. The approval for the bonding of the described and tested system configuration applies in Germany for buildings up to 20 metres tall in wind load zones I-IV and for a wind suction load of 3.5 kN/m².

The individual system components are processed in accordance with the applicable standards, regulations and processing directives of the individual manufacturers and in accordance with the generally accepted rules of structural engineering.

Technical queries must be clarified with the departments for application techniques of the respective adhesive manufacturer and sealant manufacturer before commencing work.

The „General Information and Examples for the Installation of LINITHERM Flat Roof Systems“ must be paid special attention.

Our installation recommendations are intended as guidelines for the purchaser and make no claim to be valid in all cases, nor do they form the basis for a guarantee. Each building presents different requirements, so as a general rule the accepted rules of structural engineering should be applied to each building.

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