

# JACKODUR® Plus 300 Gefiniert

Extremely high insulation properties with excellent surface adhesion for secure insulation.

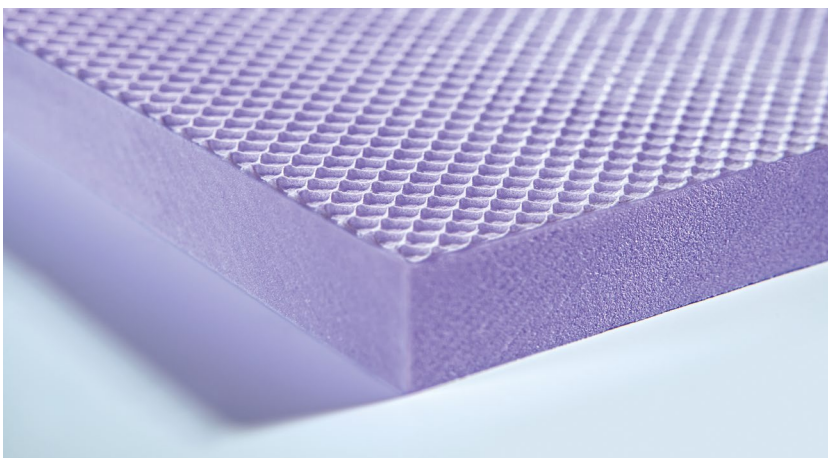
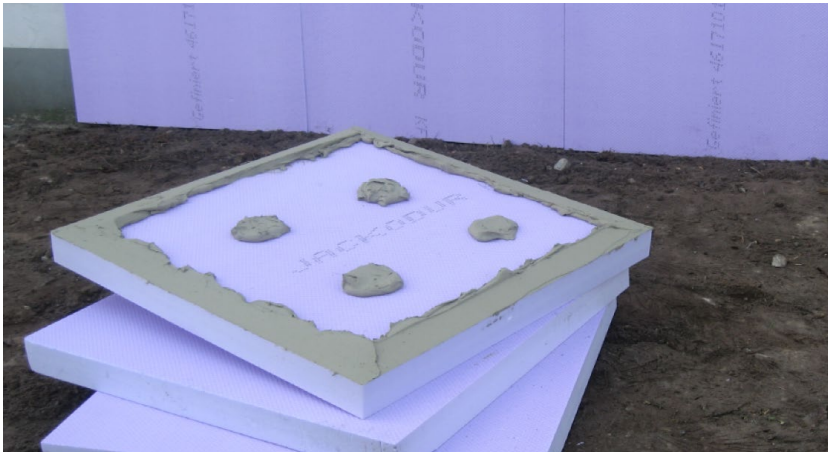
The high-performance insulation JACKODUR® Plus made of extruded polystyrene foam (XPS) according to EN 13164. With the insulation value of  $\lambda_D = 0.027 \text{ W/(m}\cdot\text{K)}$ , JACKODUR® effectively promotes energy savings in buildings. This insulation has a specially developed surface texture to provide excellent adhesion.

## Benefits:

- Specially developed surface texture gives excellent adhesion properties
- Best XPS lambda value
- 25% more insulation for same build height
- 25% less build height for same insulation value
- High compressive strength
- Water resistant
- Significantly reduces installation time when compared to multilayer systems

## Especially well-suited:

- Insulated concrete formwork
- Rendered surface
- Thermal bridge insulation
- External basement wall insulation



# Technical data JACKODUR® Plus 300 Gefiniert

Properties	Declaration / Unit	Standard	JACKODUR® Plus 300 Gefiniert								
Thickness	mm		50	60	80	100	120	140	160	180	200
Nominal thermal conductivity $\lambda_D$	W/(m·K)	EN 13164	0.027								
Thermal resistance $R_D$	m <sup>2</sup> ·K/W	EN 13164	1.85	2.20	2.95	3.70	4.40	5.15	5.90	6.65	7.40
Water vapour diffusion resistance factor $\mu$		EN 12086	140	130	120	110	140	140	140	140	140
Compressive stress at 10% deformation or compressive strength	kPa	EN 826	300								
Tensile strength perpendicular to the board level	kPa	EN 1607	200								
Reaction to fire	Euro class	EN 13501-1	E								
Dimensional stability at 70°C and 90% relative humidity, DS(70/90)	%	EN 1604	≤ 5								
Deformation under 40 kPa load and 70°C, DLT(2)5	%	EN 1605	≤ 5								
Working temperature range	C°		-50 to +75								
Capillarity			none								
Surface finish			diamond-shaped structure								
Edge profile			smooth edges								

Find important information for your planning at [www.jackon-insulation.co.uk](http://www.jackon-insulation.co.uk)

- Approvals and certificates
- Processing instructions
- Safety data sheet

JACKODUR® KF provides all of the proven properties of XPS thermal insulation: the material has good compressive strength, is dimensionally stable, does not react to moisture, and is rot-resistant.



Free of HBCD flame retardants, chlorofluorocarbons (CFCs) and propellants containing HCFCs.

