

# JACKODUR® KF 300 Gefiniert

Excellent surface adhesion for secure insulation.

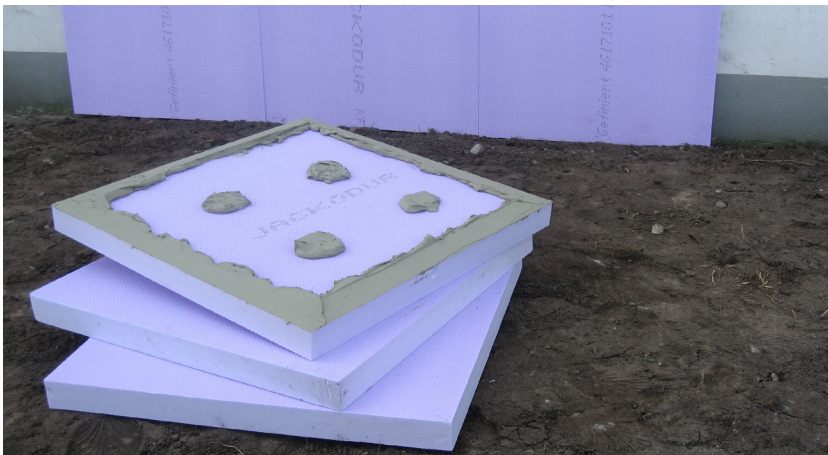
JACKODUR® KF (climate-friendly) is a high quality thermal insulation made of extruded polystyrene foam (XPS) according to EN 13164. It has good compressive strength, is dimensionally stable, does not react to moisture, and is rot-resistant. These properties make JACKODUR® KF suitable for use in many different construction applications. This insulation has a specially developed surface texture to provide excellent adhesion.

## Benefits:

- Specially developed surface texture gives excellent adhesion properties
- High compressive strength
- Water resistant
- Available in thicknesses from 20 mm to 320 mm
- Secure single layer installation up to 320 mm

## Especially well-suited:

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



# Technical data JACKODUR® KF 300 Gefiniert

Properties	Declaration / Unit	Standard	JACKODUR® KF 300 Gefiniert																	
Thickness	mm		20	30	40	50	60	80	100	120	140	160	180	200	220	240	260	280	300	320
Nominal thermal conductivity $\lambda_D$	W/(m·K)	EN 13164	0.034					0.035					0.036							
Thermal resistance $R_D$	m²·K/W	EN 13164	0.55	0.85	1.15	1.45	1.75	2.25	2.85	3.40	4.00	4.55	5.10	5.55	6.10	6.65	7.20	7.75	8.30	8.85
Water vapour diffusion resistance factor $\mu$		EN 12086	250	200	160	140	130	120	140	140	140	140	140	140	140	140	140	140	140	140
Compressive stress at 10% deformation or compressive strength	kPa	EN 826	200	300																
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 and HFCs.

