

JACKODUR® KF 300 Gefiniert

Excellent surface adhesion for secure insulation.

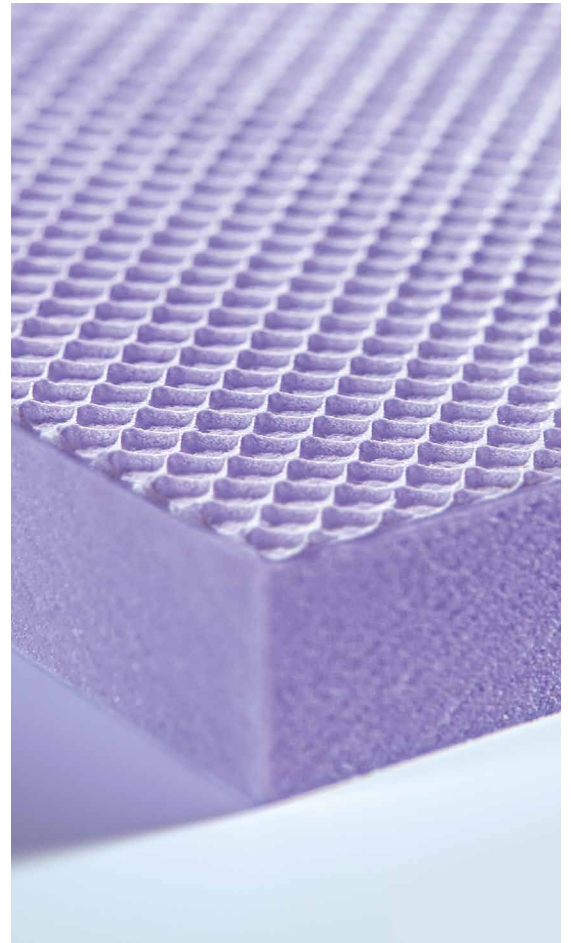
JACKODUR® KF (climate-friendly) is a high quality thermal insulation made of extruded polystyrene foam (XPS) according to EN 13164. It has good compressive strength, is dimensionally stable, does not react to moisture, and is rot-resistant. These properties make JACKODUR® KF suitable for use in many 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																			
			20	30	40	50	60	80	100	120	140	160	180	200	220	240	260	280	300	320		
Thickness	mm		20	30	40	50	60	80	100	120	140	160	180	200	220	240	260	280	300	320		
Nominal thermal conductivity λ_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 μ		EN 12086	250	200	160	140	130	120	140	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											
Permanent compressive strength, creep (50 years, compression < 2%)	kPa	EN 1606	--								130											
Reaction to fire	Euro class	EN 13501-1									E											
Long term water absorption by total immersion, WL(T)	vol %	EN 12087									≤ 0.7											
Freeze-thaw resistance, FTCD	vol %	EN 12091	--								≤ 1											
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

- 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.

