JACKODUR® KF 300 Standard NF

Larger insulation boards for shorter installation time.

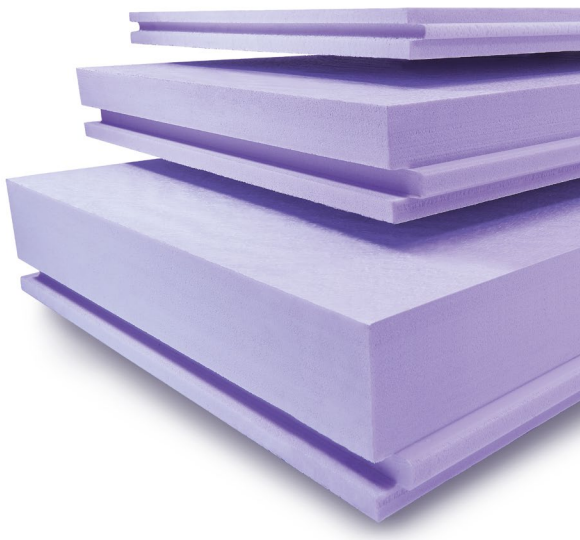
JACKODUR® KF (climate-friendly) is a high quality thermal insulation made of extruded polystyrene foam (XPS) according to EN 13164. It has good compressive strength, is dimensionally stable, does not react to moisture, and is rot-resistant. These properties make JACKODUR® KF suitable for use in many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

Beneftis:

- 2500 mm long boards reduces installation time
- Additional security form tongue and groove edge design
- High compressive strength
- Available in thicknesses from 20 mm to 120 mm
- Secure single layer installation up to 120 mm

Especially well-suited for:

- Over rafter insulation
- External basement wall insulation
- Cavity wall insulation
- Under screed insulation



Technical data JACKODUR® KF 300 Standard NF

Properties	Declaration / Unit	Standard	JACKODUR® KF 300 Standard NF						
Thickness	mm		40	50	60	80	100	120	140
Nominal thermal conductivity λ_D	W/(m·K)	EN 13164	0.034			0.035			
Thermal resistance R_D	m²·K/W	EN 13164	1.15	1.45	1.75	2.25	2.85	3.40	4.00
Long term water absorption by diffusion, WD(V)	vol %	EN 12088	≤ 3			≤ 2			
Compressive stress at 10% deformation or compressive strength	kPa	EN 826	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			smooth						
Edge profile			tongue-and-groove						

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.

JACKODUR FREE HBCD CFC HCFC

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

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JACKON Insulation GmbH I Tel: (01204) 221 089 I Fax: (01942) 253 711
info@jackodur.co.uk | www.jackon-insulation.co.uk