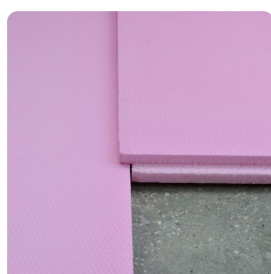


Cost and Carbon Materials Database



100 mm Kingspan Kooltherm K7 insulation



Glass fibre loft insulation, 100 mm thick (1.16 x 9.2 m roll)



PIR Polyisocyanurate general purpose foam sheet insulation, 100 mm thick

General

Supply price description	100 mm Kingspan Kooltherm K7 insulation	Glass fibre loft insulation, 100 mm thick (1.16 x 9.2 m roll)	PIR Polyisocyanurate general purpose foam sheet insulation, 100 mm thick
BCIS classification	Sheet foam insulation	Mineral fibre batts and quilts	Polyisocyanurate (PIR) boards
Uniclass classification	Pr_25_71_63_59	Pr_25_57_06_34	Pr_80_77_76_65
BCIS unit of measure	m2	roll	m2

Cost data

Material cost	26.07	15.8	20.47
Past 12 months inflation %	1.64	12.56	1.64
Future 12 months inflation (forecast) %	2.5	2.93	2.5
Cost location (Country and/or Region)	UK Average	UK Average	UK Average
Currency	GBP	GBP	GBP
Cost base date	2024-01-01	2024-01-01	2024-01-01

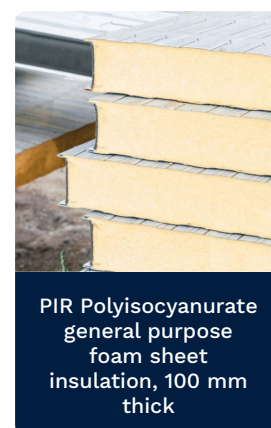
Representative carbon data

LCA name	Kooltherm S7	Glass mineral wool insulation ? 0.032-0.033 W/mK	Foil faced PIR insulation boards - 50mm
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Contact BCIS

If you would like to speak with the team call us +44 0330 341 1000 or email contactbcis@bcis.co.uk

Cost and Carbon Materials Database



BECD dataset UID	BAA16F53-7341-42C6-CC49-08DC1C313CA1	3F56F7E4-9A0A-418D-7A4E-08DC1C313CA1	B060D9B7-6F49-4723-A82B-08DC1C313CA1
URL link to LCA file	https://ifuqata6lkawqata6kom/resourke/prokesses/0,8q3qU)we3e8w41e4wf3)Uw324q4,)Ux4kfWBersionj006016000	https://cqd.io/e/ec3n46fej8	https://cqd.io/e/ec3mmkzyk4
Recorded carbon value (A1-3)	8.13	3.06	5.26
LCA recorded UoM	m2	m2	m2
LCA base unit conversion, divide by	0.01	0.1	0.025
BCIS target unit conversion, multiply by	0.1	1.0672	0.1
BCIS converted carbon value (A1-3)	81.3	32.65632	21.04
Life expectancy	--	50	--
Mass of declared unit (kg)	4	2.9	1.01
Manufacturer	Kingspan Insulation	Knauf Insulation	Ballytherm Trading Ltd
Country of origin	NL	US	IE
Factory location	--	Stafford Road, Saint Helen's	Mullaghduff, Annagh Industrial Estate, Co. Cavan, Ireland
LCA date	2019-05-09	2020-01-22	2021-04-19
Expiry date	2024-05-09	2024-12-22	2026-04-19

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