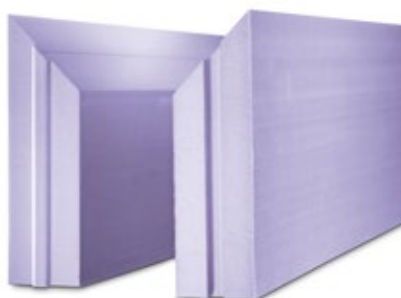
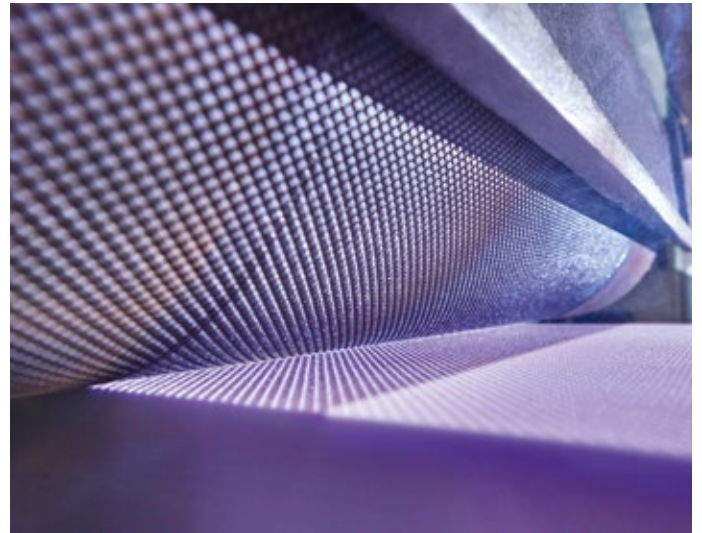
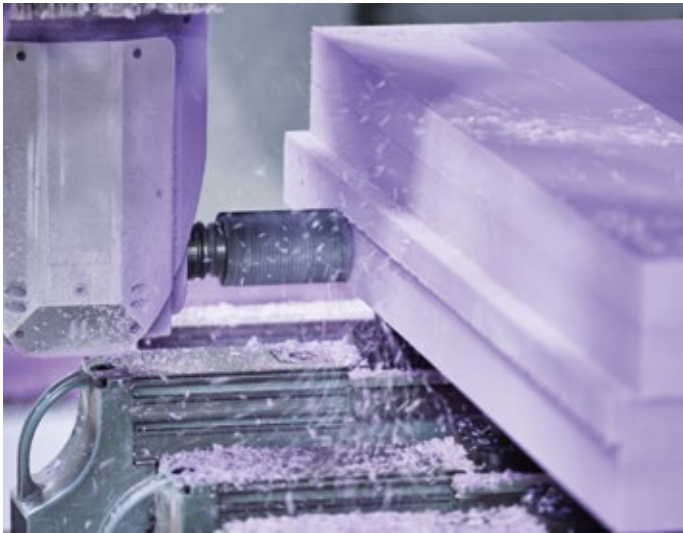


JACKODUR®

Thermal insulation for structural use.





Water repellent



Superb thermal insulation properties
from $\lambda_D = 0,027 \text{ W/(m}\cdot\text{K)}$



Suitable for use in groundwater



Resistant to frost/thaw changes



Highly compression proof
 $\geq 700 \text{ kPa}$



Complete with
national technical approval



Insulation thicknesses from 20 - 320 mm

XPS thermal insulation by JACKON Insulation

JACKODUR® is a top quality thermal insulation material made of extruded polystyrene foam – highly compression proof, dimensionally stable, and moisture and rot resistant. JACKODUR® thermal insulation is available in a wide range of thickness and edge profiles, and with smooth or textured surfaces. The lambda values of the entire range of JACKODUR® XPS products are very low, even and especially with larger thicknesses. We recommend only ever laying one layer to take the best possible structural advantage of this in all applications.



JACKODUR®

Thermal insulation for structural use.

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Valid from 2017

This document replaces all previous versions and editions. All deliveries are governed exclusively by our General Terms and Conditions of Sale and Supply and by our Installation Instructions, in both cases as amended at the time of ordering (available on the internet at www.jackon-insulation.com). All prices apply for entire packaging units and are exclusive of statutory VAT. Please observe our minimum order value. Deliveries exclude unloading.

Thermal insulation

Plus 300 Standard SF

- High-performance insulation with superb insulating properties $\lambda_0 = 0.027 \text{ W/(m}\cdot\text{K)}$
- Boards with 15 mm shiplay allround for insulating perimeters, flat roofs, beneath screed, etc.
- Smooth, extrusion-compressed surface
- Compressive strength 300 kPa
- Format 1265 x 615 mm, covering area 1250 x 600 mm = 0.75 m²
- 30 mm shiplay on thicknesses of 260 mm or more
- Format 1280 x 630 mm, covering area 1250 x 600 mm = 0.75 m²



Art. no.	EAN code	Thickness mm	Boards per pack	Packs per pallet	m ² / pack
4508142*	40 25345 07005 7	50	8	12	6,00
4508143*	40 25345 07006 4	60	7	12	5,25
4508144*	40 25345 07007 1	80	5	12	3,75
4508145	40 25345 07008 8	100	4	12	3,00
4508300	40 25345 07120 7	120	3	14	2,25
4508301	40 25345 07121 4	140	3	12	2,25
4508302	40 25345 07122 1	160	3	10	2,25
4508303	40 25345 07123 8	180	2	14	1,50
4508304	40 25345 07124 5	200	2	12	1,50
4509133*	40 25345 07745 2	220	2	12	1,50
4509134*	40 25345 07746 9	240	2	10	1,50
4509135*	40 25345 07747 6	260	1	20 boards	0,75
4509136*	40 25345 07748 3	280	1	18 boards	0,75
4509137*	40 25345 07749 0	300	1	18 boards	0,75
4509134*	40 25345 07750 6	320	1	18 boards	0,75

* on request

Plus 300 Gefiniert GL

- High-performance insulation with superb insulation properties $\lambda_0 = 0.027 \text{ W/(m}\cdot\text{K)}$
- Structured extrusion-compressed surface for use under rendering or in cold stores and as expendable shuttering
- For use as plaster base, plinth insulation, concealed formwork for initial concrete application, and thermal bridge insulation
- Boards with smooth edges (GL)
- Tensile strength perpendicular to board plane: 200 kPa
- Format 1250 x 600 mm
- Compressive strength 300 kPa



Art. no.	EAN code	Thickness mm	Boards per pack	Packs per pallet	m ² / pack
4510539*	40 25345 08669 0	50	8	12	6,00
4510540*	40 25345 08670 6	60	7	12	5,25
4510541*	40 25345 08671 3	80	5	12	3,75
4510542*	40 25345 08672 0	100	4	12	3,00
4510543*	40 25345 08673 7	120	3	14	2,25
4510544*	40 25345 08674 4	140	3	12	2,25
4510545*	40 25345 08675 1	160	3	10	2,25
4510546*	40 25345 08676 8	180	2	14	1,50
4510547*	40 25345 08677 5	200	2	12	1,50

* on request



KF 300 Standard SF

Art. no.	EAN code	Thickness mm	Boards per pack	Packs per pallet	m ² / pack
4500650	40 25345 00650 6	30	14	12	10,50
4500652	40 25345 00652 0	40	10	12	7,50
4500654	40 25345 00654 4	50	8	12	6,00
4500656	40 25345 00656 8	60	7	12	5,25
4501136	40 25345 01136 4	80	5	12	3,75
4502549	40 25345 02549 1	100	4	12	3,00
4502550	40 25345 02550 7	120	3	14	2,25

4502551	40 25345 02551 4	140	3	12	2,25
4504072	40 25345 04072 2	160	3	10	2,25
4502553	40 25345 02553 8	180	2	14	1,50
4502554	40 25345 02554 5	200	2	12	1,50
4502968	40 25345 02968 0	220	2	12	1,50
4502969	40 25345 02969 7	240	2	10	1,50
4502970*	40 25345 02970 3	260	1	20 boards	0,75
4502971*	40 25345 02971 0	280	1	18 boards	0,75
4506530*	40 25345 05903 8	300	1	18 boards	0,75
4502973*	40 25345 02973 4	320	1	16 boards	0,75

* on request

- Boards with 15 mm shiplap all-round
- For insulating perimeters, flat roofs, beneath screed, etc.
- Smooth, extrusion-compressed surface
- Compressive strength 300 kPa
- Format 1265 x 615 mm, covering area 1250 x 600 mm = 0.75 m²
- 30 mm shiplap on thicknesses of 260 mm or more
- Format 1280 x 630 mm, covering area 1250 x 600 mm = 0.75 m²



KF 300 Standard GL

Art. no.	EAN code	Thickness mm	Boards per pack	Packs per pallet	m ² / pack
4500640 ¹	40 25345 00640 7	20	20	12	15,00
4500642*	40 25345 00642 1	30	14	12	10,50
4500644	40 25345 00644 5	40	10	12	7,50
4500646*	40 25345 00646 9	50	8	12	6,00
4500648*	40 25345 00648 3	60	7	12	5,25
4501199*	40 25345 01199 9	80	5	12	3,75
4502568*	40 25345 02568 2	100	4	12	3,00
4502569*	40 25345 02569 9	120	3	14	2,25

4502570*	40 25345 02570 5	140	3	12	2,25
4504074*	40 25345 04074 6	160	3	10	2,25
4502572*	40 25345 02572 9	180	2	14	1,50
4503007*	40 25345 03007 5	200	2	12	1,50
4503008*	40 25345 03008 2	220	2	12	1,50
4503009*	40 25345 03009 9	240	2	10	1,50

* on request ¹ compressive strength 200 kPa

- Extrusion-compressed surface for floors, screed, multi-layer core insulation etc.
- Format 1250 x 600 mm
- Compressive strength 300 kPa
- Boards with smooth edges (GL)

Thermal insulation

KF 300 Gefiniert GL

- Structured extrusion-compressed surface for use under rendering or in cold stores and as expendable shuttering
- For use as plaster base, plinth insulation, concealed formwork for initial concrete application, and thermal bridge insulation
- Boards with smooth edges (GL)
- Tensile strength perpendicular to board plane: 200 kPa
- Format 1250 x 600 mm
- Compressive strength 300 kPa



Art. no.	EAN code	Thickness mm	Boards per pack	Packs per pallet	m ² /pack
4500622 ¹	40 25345 00622 3	20	20	12	15,00
4500624	40 25345 00624 7	30	14	12	10,50
4500626	40 25345 00626 1	40	10	12	7,50
4500628	40 25345 00628 5	50	8	12	6,00
4500630	40 25345 00630 8	60	7	12	5,25
4501137	40 25345 01137 1	80	5	12	3,75
4502556	40 25345 02556 9	100	4	12	3,00
4502557	40 25345 02557 6	120	3	14	2,25

4502558	40 25345 02558 3	140	3	12	2,25
4504073	40 25345 04073 9	160	3	10	2,25
4502560	40 25345 02560 6	180	2	14	1,50
4502561	40 25345 02561 3	200	2	12	1,50
4503014*	40 25345 03014 3	220	2	12	1,50
4503015*	40 25345 03015 0	240	2	10	1,50
4508722*	40 25345 07438 3	260	1	20	0,75
4508723*	40 25345 07439 0	280	1	18	0,75
4508724*	40 25345 07440 6	300	1	18	0,75
4508725*	40 25345 07441 3	320	1	16	0,75

* on request ¹ compressive strength 200 kPa

KF 300 Standard NF

- Tongue and groove joint e.g. for pitched roofs (on rafters) etc.
- Extrusion-compressed surface
- Compressive strength 300 kPa
- Covering area
2500 x 600 mm = 1.5 m²



Art. no.	EAN code	Thickness mm	Boards per pack	Packs per pallet	m ² /Pack
4501579	40 25345 01579 9	40	10	12	15,00
4501580	40 25345 01580 5	50	8	12	12,00
4501581	40 25345 01581 2	60	7	12	10,50
4502231	40 25345 02231 5	80	5	12	7,50
4507458	40 25345 06545 9	100	4	12	6,00
4507459*	40 25345 06546 6	120	3	14	4,50

* on request

Thermal insulation



KF 500 Standard SF

Art. no.	EAN code	Thickness mm	Paquets/	Packs per pallet	m ² / pack
4502772*	40 25345 02772 3	40	Palette	12	7,50
4502773*	40 25345 02773 0	50	8	12	6,00
4502774*	40 25345 02774 7	60	7	12	5,25
4502775	40 25345 02775 4	80	5	12	3,75
4502946	40 25345 02946 8	100	4	12	3,00
4502947	40 25345 02947 5	120	3	14	2,25
4502948*	40 25345 02948 2	140	3	12	2,25
4504076	40 25345 04076 0	160	3	10	2,25
4502979*	40 25345 02979 6	180	2	14	1,50
4502980	40 25345 02980 2	200	2	12	1,50
4502981*	40 25345 02981 9	220	2	12	1,50
4502982*	40 25345 02982 6	240	2	10	1,50
4502983*	40 25345 02983 3	260	1	20 boards	0,75
4502984*	40 25345 02984 0	280	1	18 boards	0,75
4502985*	40 25345 02985 7	300	1	18 boards	0,75
4502986*	40 25345 02986 4	320	1	16 boards	0,75

* on request

- Boards with 15 mm shi lap all-round for heavy-duty applications when insulating perimeters, flat roofs, parking decks, beneath industrial floors, etc.
- Smooth, extrusion-compressed surface
- Compressive strength 500 kPa
- Format 1265 x 615 mm, covering area 1250 x 600 mm = 0.75 m²
- 30 mm shi lap on thicknesses of 260 mm or more
- Format 1280 x 630 mm, covering area 1250 x 600 mm = 0.75 m²



KF 700 Standard SF

Art. no.	EAN code	Thickness mm	Panneaux/ paquet	Packs per pallet	m ² / pack
4504060*	40 25345 04060 9	50	8	12	6,00
4504061*	40 25345 04061 6	60	7	12	5,25
4502987*	40 25345 02987 1	80	5	12	3,75
4502988	40 25345 02988 8	100	4	12	3,00
4502989	40 25345 02989 5	120	3	14	2,25
4502990	40 25345 02990 1	140	3	12	2,25
4502991*	40 25345 02991 8	160	3	10	2,25
4502992*	40 25345 02992 5	180	2	14	1,50
4502993*	40 25345 02993 2	200	2	12	1,50
4502994*	40 25345 02994 9	220	2	12	1,50
4502995*	40 25345 02995 6	240	2	10	1,50
4506490*	40 25345 05862 8	260	1	20 boards	0,75
4506491*	40 25345 05863 5	280	1	18 boards	0,75
4506348*	40 25345 05781 2	300	1	18 boards	0,75
4506492*	40 25345 05864 2	320	1	16 boards	0,75

* on request

- Boards with 15 mm shi lap all-round for extremely heavy-duty applications when insulating perimeters, flat roofs, parking decks, beneath industrial floors, etc.
- Smooth, extrusion-compressed surface
- Compressive strength 700 kPa
- Format 1265 x 615 mm, covering area 1250 x 600 mm = 0.75 m²
- 30 mm shi lap on thicknesses of 260 mm or more
- Format 1280 x 630 mm, covering area 1250 x 600 mm = 0.75 m²

Insulation system for floor plates



JACKODUR® Atlas is an insulation system for floor plates. Its intelligent joining technology creates a sturdy composite insulation system that eliminates the need to brace the floor plate at the sides. Insulation and formwork application in one and the same step. JACKODUR® Atlas allows you to create floor plates that are free of thermal bridges and with different insulation thicknesses and compressive strengths to suit your individual requirements.

Formwork element

- Formwork element with tongue for insertion into the Atlas corner and side element
- Insulation thicknesses from 80 – 320 mm for floor plate heights up to 500 mm

Surface element

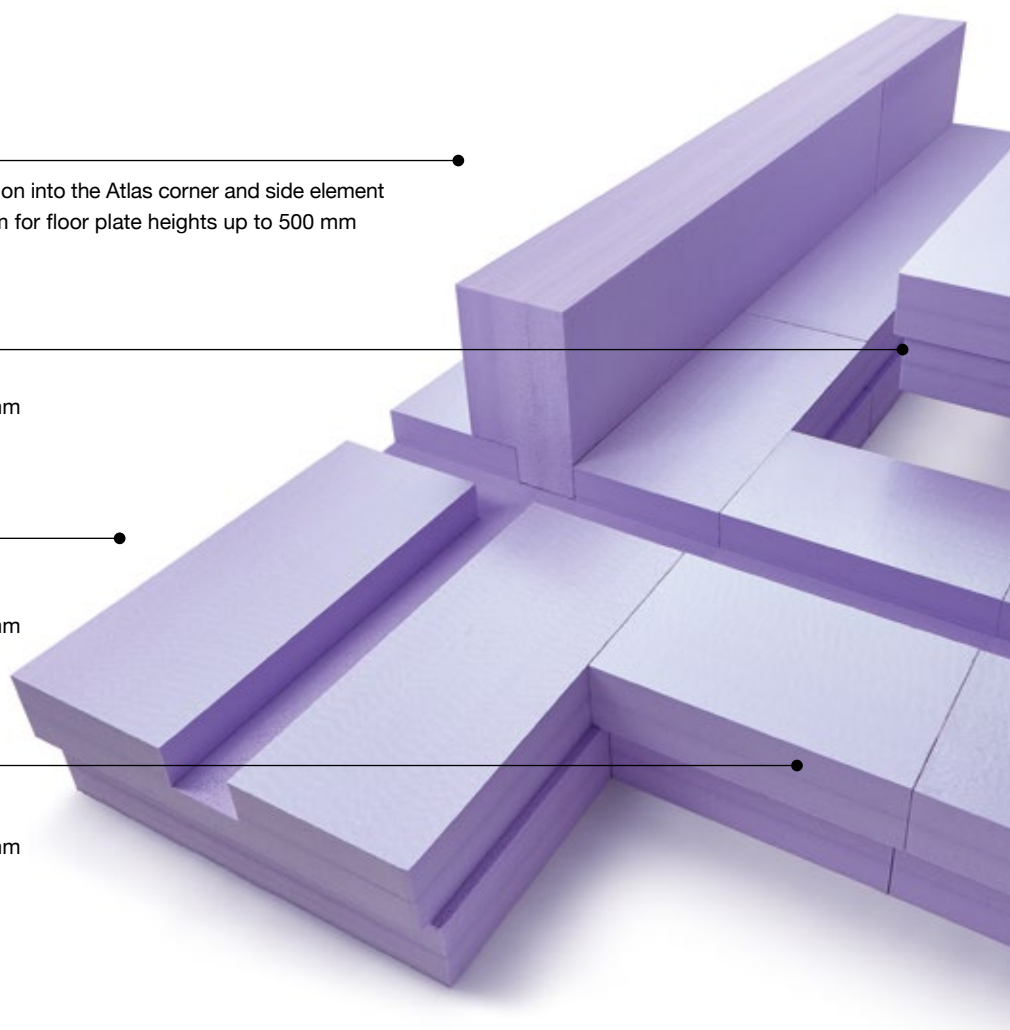
- Surface element for Atlas
- Insulation thicknesses from 100 – 320 mm

Corner element

- With groove for mounting the Atlas formwork element
- Insulation thicknesses from 100 – 320 mm

Side element

- With groove for mounting the Atlas formwork element
- Insulation thicknesses from 100 – 320 mm



JACKODUR® Atlas price enquiry

Please complete, make a copy, and fax to JACKON Insulation: +49 5204 9955 400.

Or simply complete online: [www. http://www.jackon-insulation.com/services/kataloge-prospekte/](http://www.jackon-insulation.com/services/kataloge-prospekte/)

☐ Architect/Planner

Name/Company: _____

☐ Private property owner

Contact: _____

☐ Retailer

☐ System/Prefab house manufacturer

Address: _____

☐ Property developer

Post code/Town: _____

Phone/Fax: _____

Email: _____

We need the following information to compile your quote:

Address of the construction project: _____

☐ JACKODUR® Atlas 300

☐ JACKODUR® Atlas 500

☐ JACKODUR® Atlas 700

1. Thickness of surface element: _____ mm
(Insulation thickness beneath floor plate)

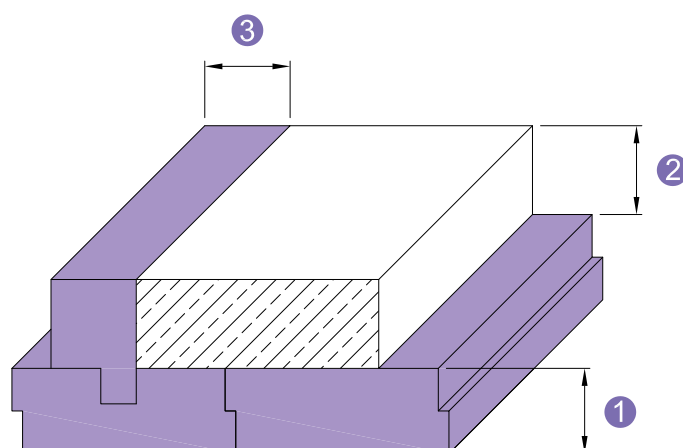
2. Height of formwork element: _____ mm
(Thickness of floor plate)

3. Thickness of formwork element: _____ mm
(Thickness of side insulation)

Floor plate area: _____ m²
(external floor plate dimensions,
excluding insulation)

Floor plate circumference: _____ m²
(external floor plate dimensions,
excluding insulation)

Number of corners (90°) _____ piece



We need a layout plan of the floor plate when you will order the JACKODUR® Atlas system. Please contact us if you require further details or customized solutions.

Cold bridge insulation

Foundation shuttering

- Two functions in one product: Formwork and thermal bridge insulation
- Quick and cost-efficient to install
- Sturdy, compression proof
- Rot resistant
- No thermal bridges
- Each element with 4 integrated pipe sleeves, internal diameter approx. 13 mm
- Smooth, extrusion-compressed surface



Art. no.	EAN code	Thickness mm	Height mm	Length mm	Type	Pack cont. boards
4502926*	40 25345 02926 0	50	500	1250	K I F 50	8
4500909*	40 25345 00909 5	50	600	1250	K I F 60	8
4500910*	40 25345 00910 1	50	800	1250	K I F 80	8

* on request

Rendering edging strips

- Edging finish for window and door openings in cavity walls or in the gable end area
- Structured surface can be plastered on directly



Art. no.	EAN code	Thickness mm	Height mm	Length mm	Pack cont. pieces
4500163*	40 25345 00163 1	60	60	1250	70
4500093*	40 25345 00093 1	60	80	1250	49
4500173*	40 25345 00173 0	60	100	1250	42
4500092*	40 25345 00092 4	60	120	1250	35

4500172*	40 25345 00172 3	80	80	1250	35
4500090*	40 25345 00090 0	80	100	1250	30
4500170*	40 25345 00170 9	80	120	1250	25
4500957	40 25345 00957 6	80	140	1250	20
4504155	40 25345 04155 2	80	160	1250	15
4505907	40 25345 05484 2	80	180	1250	15
4506533*	40 25345 05906 9	80	200	1250	15

4500091*	40 25345 00091 7	100	100	1250	24
4500171*	40 25345 00171 6	100	120	1250	20
4501774*	40 25345 01774 8	100	140	1250	16
4500891*	40 25345 00891 3	100	150	1250	16
4509333*	40 25345 07876 3	100	200	1250	12

4500085*	40 25345 00085 6	120	120	1250	15
4500961*	40 25345 00961 3	120	140	1250	12
4502333*	40 25345 02333 6	120	150	1250	12
4505067*	40 25345 05067 7	120	160	1250	9
4505068*	40 25345 05068 4	120	180	1250	9
4505069*	40 25345 05069 1	120	200	1250	9

* on request. Minimum order: 10 packs packaged on pallet



Insulation shuttering JDS

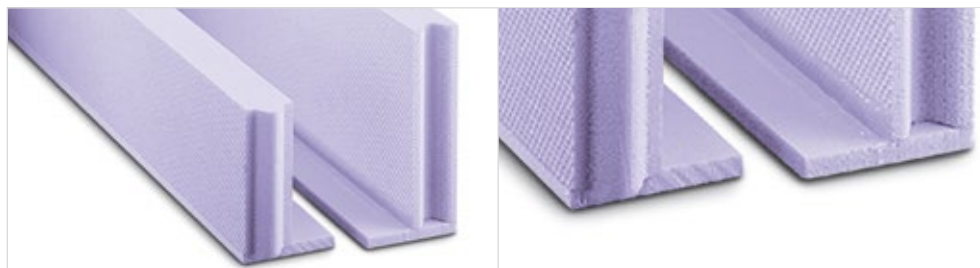
Art. no.	EAN code	Thickness mm	Height mm	Length mm	Pack cont. pieces
4500022*	40 25345 00022 1	35	160	1250	160
4500115*	40 25345 00115 0	35	180	1250	160
4500474*	40 25345 00474 8	35	200	1250	128
4500101*	40 25345 00101 3	35	220	1250	128
4500023*	40 25345 00023 8	35	250	1250	128

4500099*	40 25345 00099 3	50	160	1250	160
4500021*	40 25345 00021 4	50	180	1250	160
4500114*	40 25345 00114 3	50	200	1250	128
4500007*	40 25345 00007 8	50	220	1250	128
4500100*	40 25345 00100 6	50	250	1250	128

4502330*	40 25345 02330 5	60	160	1250	120
4502115*	40 25345 02115 8	60	180	1250	128
4502116*	40 25345 02116 5	60	200	1250	96
4502331*	40 25345 02331 2	60	220	1250	96
4502332*	40 25345 02332 9	60	250	1250	96

* on request. Minimum purchase 1 pack

- Floor edge formwork, thermal insulation and plaster base combined into one product
- Element made entirely of high quality XPS
- Simple tongue and groove installation
- Additional fastening or back support required for heights of 200 mm or more
- No need to remove the formwork
- Total base width for 35 mm thickness = 70 mm and for 50 and 60 mm thickness = 100 mm
- Available with company imprint on request



Insulation shuttering Plus

Art. no.	EAN code	Thickness mm	Height mm	Length mm	Pack cont. pieces
4509122*	40 25345 07735 3	60	160	1250	120
4509123*	40 25345 07736 0	60	180	1250	128
4509124*	40 25345 07737 7	60	200	1250	96
4509125*	40 25345 07738 4	60	220	1250	96
4509126*	40 25345 07739 1	60	250	1250	96

* on request. Minimum purchase 1 pack

- Element with superb insulating properties $\lambda_0 = 0,027 \text{ W/(m}\cdot\text{K)}$
- You only need 60 mm to replace conventional 80 mm XPS
- Up to 25% improved insulating performance
- Total base width = 100 mm

Cold bridge insulation

Cavity tray insulation

- Special sloped insulation to carry membranes for cavity trayse
- Moisture is drained automatically through the fall (DIN 1053)
- Tongue and groove connection for a cold bridge free insulating

$\lambda_D=0.027 \text{ W/(m}\cdot\text{K)}$
available
on request

Art. no.	EAN code	Thickness mm	Height mm	Length mm	Pcs./ pack	m/ pack
4504081*	40 25345 04081 4	80	250/350	1250	10	12,50
4504082*	40 25345 04082 1	100	250/350	1250	8	10,00
4504083*	40 25345 04083 8	120	250/350	1250	6	7,50
4504084*	40 25345 04084 5	140	250/350	1250	6	7,50
4508475*	40 25345 07244 0	160	250/350	1250	6	7,50
4510256*	40 25345 08472 6	180	250/350	1250	6	7,50
4512281*	40 25345 09803 7	200	250/350	1250	4	5,00

* on request

Insulation Strip

- no thermal bridges
- easy to work with
- price advantage compared to roof battens
- thermal conductivity = $0.035 \text{ W/(m}\cdot\text{K)}$ up to 60 mm insulation strip thickness



Art. no.	EAN code	Thickness mm	Height mm	Length mm	Pcs./ box
4507809*	40 25345 06757 6	30	60	1250	70
4507810*	40 25345 06758 3	60	60	1250	35
4507811*	40 25345 06759 0	80	60	1250	25

* on request. Minimum order: 1 box. Further dimensions available on request

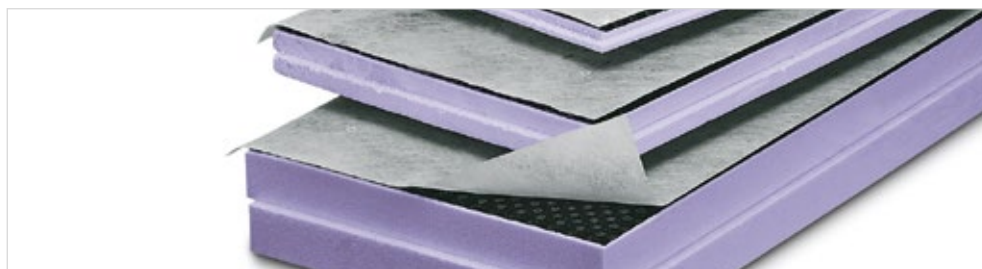
Angle fillet

- Insulation angle fillet for flat roofs
- Chamfered corners in accordance with DIN 18195
- Improved sealing sheet joining technology



Art. no.	EAN code	Thickness mm	Length mm	Pcs./ pack	m/ pack
4504085*	40 25345 04085 2	50/50	1250	60	75,00
4504086*	40 25345 04086 9	60/60	1250	40	50,00
4504087*	40 25345 04087 6	80/80	1250	25	31,25

* on request

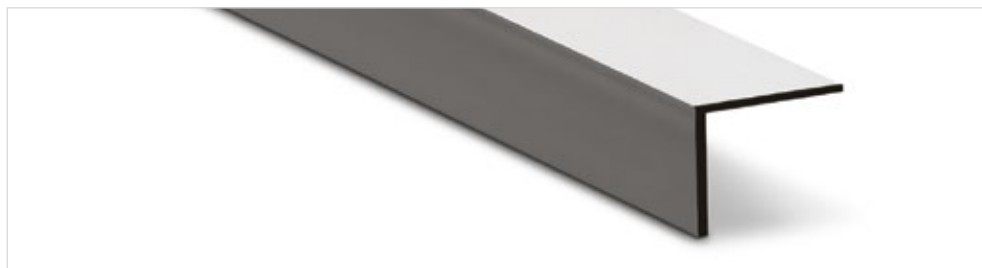


KF 300 Jackodrain

Art. no.	EAN code	Thickness mm ¹	Panneaux/paquet	Packs per pallet	m ² /pack
4503355*	40 25345 03355 7	40	9	12	6,75
4503356*	40 25345 03356 4	50	7	12	5,25
4503357*	40 25345 03357 1	60	6	12	4,50
4503358*	40 25345 03358 8	80	5	12	3,75
4503359*	40 25345 03359 5	100	4	12	3,00
4506531*	40 25345 05904 5	120	3	14	2,25
4506532*	40 25345 05905 2	140	3	12	2,25
4503362*	40 25345 03362 5	160	3	10	2,25
4505160*	40 25345 05160 5	180	2	14	1,50
4505161*	40 25345 05161 2	200	2	12	1,50
4507456*	40 25345 06543 5	220	2	12	1,50
4507457*	40 25345 06544 2	240	2	10	1,50
4508729*	40 25345 07268 6	260	1	20 boards	0,75
4508330*	40 25345 07269 3	280	1	18 boards	0,75
4509156*	40 25345 07270 9	300	1	18 boards	0,75
4506317*	40 25345 07271 6	320	1	16 boards	1,50

* on request. ¹ Total thickness = insulation thickness + 7 mm (dimpled sheet and filter layer)

- Thermal insulation, drainage and building protection for walls and floors in contact with soil
- Superb drainage rates for outdoor cellar walls, even when installed to a depth of 10 m
- JACKODUR® KF base panel
- 10 cm fleece overlap as per DIN 4095
- Can be installed lengthwise or transverse
- Completely permeable, so it can also be used horizontally
- Format 1265 x 615 mm, covering area 1250 x 600 mm = 0.75 m²
- 30 mm shiplap on thicknesses of 260 mm or more
- Format 1280 x 630 mm, covering area 1250 x 600 mm = 0.75 m²



Jackodrain cover profile

Art. no.	EAN code	Length m	Dimensions mm	Pack pcs.
4509261	40 25345 07812 1	2,50	30 x 30	10

- Horizontal end strip, which ensures that the dimpled sheet is not dirtied along the upper edge during backfilling
- The end strip can be glued along the forward edge with JACKODUR® assembly adhesive, for instance

Accessories

Etics anchors

- German Technical Approval ETA-04/0023
- Universally suitable for all substrates
- Fitting depth 70 mm
- dia. 8/60 mm



Art. no.	EAN code	Pcs./box	Length mm
4501717	40 25345 01717 5	100	115
4501718	40 25345 01718 2	100	135
4501719	40 25345 01719 9	100	155
4501720	40 25345 01720 5	100	175
4501721	40 25345 01721 2	100	195
4501722	40 25345 01722 9	100	215
4501723	40 25345 01723 6	100	235

other lengths on request

S-type nails

- For boards of thickness from 40 to 120 mm
- Colour: white



Art. no.	EAN code	Pcs./box	Insulation material thickness mm
4500166	40 25345 00166 2	100	40
4500087	40 25345 00087 0	100	50
4500088	40 25345 00088 7	100	80
4500168	40 25345 00168 6	100	100
4500018	40 25345 00018 4	100	120

Construction board disk

- zum Befestigen von JACKODUR® Wärmedämmplatten



Ausführung	Art.-Nr.	EAN-Code	Pcs./box	Dimensions mm
Edelstahl ø 36 mm	4501171	40 25345 01171 5	100	ø 5,5
Kunststoff ø 60 mm	4500229	40 25345 00229 4	100	ø 5
Verzinkt ø 50 mm	4500230	40 25345 00230 0	100	ø 5



Art. no.	EAN code	Volume ml	Pcs./box
4514799	40 25345 11065 4	750	1

Perimeter adhesive foam

- 1K-PU-Kleber zum Verkleben von JACKODUR®
- schließt Fugen und Aussparungen im Perimeterbereich
- wärmedämmend 0,0354 W/(m·K)
- sofort Einsatzbereit mit beiliegendem Adapterröhrchen oder auf eine Klebepistole bei großflächigen Arbeiten aufschrauben
- beste Haftung auf bauüblichen Untergründen
- Ergiebigkeit bis zu 16 m² Wandfläche pro Dose (mit Klebepistole)



Art. no.	EAN code	Volume ml	Pcs./box
4510610	40 25345 08725 3	310	12

Assembly adhesive

- Solvent-free PU-based adhesive
- Very high ultimate strength
- For gluing JACKODUR® and JACKOBOARD®
- Very fast curing
- 1 tube gives 10 linear metres



Art. no.	EAN code	Length m	Width m
4501712	40 25345 01712 0	100	3

Filter layer WA

- Water-flow reducing layer for inverted roofs
- Waterproof but water vapour permeable
- Fabric weight appr. 100 g/m²
- Fire resistance class B2 according to DIN 4102
- UV stable

JACKODUR® Produktempfehlungen

Produktempfehlungen nach genormten oder zugelassenen Anwendungen in Deutschland

Anwendung und Verlegeart			DIN 4108-10/ Zulassung	KF				Plus	
				300 Standard	500 Standard	700 Standard	300 Gefiniert	300 Standard	300 Gefiniert
Perimeter	Perimeter Wand bei Bodenfeuchte	einlagig	PW	✓	✓	✓	-	✓	-
	Perimeter Boden bei Bodenfeuchte	einlagig	PB	✓	✓	✓	-	✓	-
	Gründungsplatte, auch im Grundwasser	einlagig	Z-23.34-1613	✓	✓	✓	-	-	-
	Perimeterdämmung im Grundwasser	einlagig	Z-23.33-1539	✓	✓	✓	-	-	-
Hochbau	Dämmung unter Estrich ohne Schallschutz	einlagig, mehrlagig	DEO	✓	✓	✓	-	✓	-
	Sockeldämmung als Putzträger	einlagig	WAP	-	-	-	✓	-	✓
	Wärmebrücken	einlagig	WAP	-	-	-	✓	-	✓
	Innendämmung	einlagig	WI	-	-	-	✓	-	✓
	Wanddämmung hinter Bekleidung	einlagig, mehrlagig	WAB	✓	✓	✓	-	✓	-
	Kerndämmung	einlagig, mehrlagig	WZ	✓	✓	✓	-	✓	-
	Kellerdecke	einlagig	DI	-	-	-	✓	-	✓
Dach	Umkehrdach bekiest	einlagig	DUK	✓	✓	✓	-	✓	-
	Umkehrdach begrünt	einlagig	Z-23.31-1540	✓	✓	✓	-	-	-
	Umkehrdach bekiest und wasserableitender Trennlage	einlagig	Z-23.31-1540	✓	✓	✓	-	-	-
	Terrassendach	einlagig	DUK	✓	✓	✓	-	✓	-
	Steildach/ Aufsparrendämmung	einlagig, zweilagig	DAD	✓	✓	✓	✓	✓	-
	Konventionelles Flachdach mit Schutzschicht über der Abdichtung	einlagig, mehrlagig	DAA	✓	✓	✓	-	✓	-

Zur Beachtung

Die Angaben in dieser Druckschrift basieren auf unseren derzeitigen Kenntnissen und Erfahrungen. Sie stellen keine Zusicherung im Rechtssinne dar. Bei der Anwendung sind stets die besonderen Bedingungen des Anwendungsfalles zu berücksichtigen, insbesondere in bauphysikalischer, bautechnischer und baurechtlicher Hinsicht.

JACKODUR® Anwendungsgebiete nach DIN 4108-10

Anwendungsgebiete von extrudiertem Polystyrolschaum (XPS)

Anwendungs- gebiet	Kurz- zeichen	Anwendungsbeispiele
Dach und Decke	DAD	Außendämmung von Dach oder Decke, vor Bewitterung geschützt, Dämmung unter Deckungen
	DAA	Außendämmung von Dach oder Decke, vor Bewitterung geschützt, Dämmung unter Abdichtungen
	DUK	Außendämmung des Daches, der Bewitterung ausgesetzt (Umkehrdach)
	DZ	Zwischensparrendämmung, zweischaliges Dach, nicht begehbare, aber zugängliche oberste Geschossdecken
	DI	Innendämmung der Decke (unterseitig) oder des Daches, Dämmung unter den Sparren/Trägerkonstruktion, abgehängte Decke usw.
	DEO	Innendämmung der Decke oder Bodenplatte (oberseitig) unter Estrich ohne Schallschutzanforderungen
	DES	Innendämmung der Decke oder Bodenplatte (oberseitig) unter Estrich mit Schallschutzanforderungen
Wand	WAB	Außendämmung der Wand hinter Bekleidung
	WAA	Außendämmung der Wand hinter Abdichtung
	WAP	Außendämmung der Wand unter Putz
	WZ	Dämmung von zweischaligen Wänden, Kerndämmung
	WH	Dämmung von Holzrahmen- und Holztafelbauweise
	WI	Innendämmung der Wand
	WTH	Dämmung zwischen Haustrennwänden und Schallschutzanforderungen
Perimeter	PW	Außenliegende Wärmedämmung von Wänden gegen Erdreich (außerhalb der Abdichtung)
	PB	Außenliegende Wärmedämmung unter der Bodenplatte gegen Erdreich (außerhalb der Abdichtung)

Druckfestigkeitsklassen gemäß DIN 4108-10

Produkt- eigenschaft	Kurz- zeichen	Anforderung in kPa	Beschreibung	Beispiele
Druckbelastbarkeit	dk	-	Keine Druckbelastbarkeit	Hohlraumdämmung, Zwischensparrendämmung
	dg	-	Geringe Druckbelastbarkeit	Wohn- und Bürobereich unter Estrich
	dm	200	Mittlere Druckbelastbarkeit	Nicht genutztes Dach mit Abdichtung
	dh	300	Hohe Druckbelastbarkeit	Genutzte Dachflächen, Terrassen
	ds	500	Sehr hohe Druckbelastbarkeit	Industrieböden, Parkdeck
	dx	700	Extrem hohe Druckbelastbarkeit	Hoch belastete Industrieböden, Parkdeck

JACKODUR® Technical data

Extruded polystyrene foam (XPS) according to EN 13164

Properties	Thickness mm	Symbol	Declaration/ Unit	Standard
Density			kg/m ³	EN 1602
Thermal conductivity	20	λ_D	W/(m·K)	EN 13164
	30			
	40			
	50			
	60			
	80			
	100			
	120			
	140			
	160			
	180			
	200			
	220			
	240			
	260			
	280			
	300			
	320			
Thickness tolerance		Ti	Class	EN 823
Dimensional stability at 70°C and 90% relative humidity		DS(70/90)	%	EN 1604
Compressive stress at 10% deformation or compressive strength		CS(10\Y)i	Level i kPa ³	EN 826
Reaction to fire		-	Class	EN 13501-1
Deformation under 40 kPa load and 70°C		DLT(2)5	%	EN 1605
Tensile strength		TRi	Level i kPa ³	EN 1607
Compressive creep (50 years, deformation < 2%)		CC(2/1,5/50) σ_c	σ_c in kPa ³	EN 1606
Long term water absorption by total immersion		WL(T)i	Level i %	EN 12087
Long term water absorption by diffusion ¹		WD(V)i	Class	EN 12088
Freeze-thaw resistance		FTCDi	Class	EN 12091
Water vapour diffusion resistance factor ¹		μ	-	EN 12086
Coefficient of linear thermal expansion		-	mm/(m·K)	-
Maximum working temperature		-	°C	-
Surface		-	-	-
Possible edge profiles		-	-	-

¹ depending on thickness

² at thickness 20 mm: 200 kPa

³ 100 kPa = 100 kN/m² = 0,1 N/mm²

Note:

JACKODUR® products have numerous application possibilities. However, the supplier is not always able to monitor correct deployment, handling and installation of the products in accordance with the directions provided. The company JACKON Insulation therefore accepts liability only for the data specified here in accordance with the approval specifications

	Plus 300 Standard		Plus 300 Gefiniert		DS 300 Standard		KF 300 Standard		KF 300 Gefiniert		KF 500 Standard		KF 700 Standard		
	λ _D	R _D	λ _D	R _D	λ _D	R _D	λ _D	R _D	λ _D	R _D	λ _D	R _D	λ _D	R _D	
	> 30		> 30		> 30		> 30		> 30		> 35		> 38		
	-	-	-	-	0,034	0,55	0,034	0,55	0,034	0,55	-	-	-	-	
	-	-	-	-	0,034	0,85	0,034	0,85	0,034	0,85	-	-	-	-	
	-	-	-	-	0,034	1,15	0,034	1,15	0,034	1,15	0,036	1,10	-	-	
	0,027	1,85	0,027	1,85	0,034	1,45	0,034	1,45	0,034	1,45	0,036	1,35	0,036	1,35	
	0,027	2,20	0,027	2,20	0,034	1,75	0,034	1,75	0,034	1,75	0,036	1,65	0,036	1,65	
	0,027	2,95	0,027	2,95	0,035	2,25	0,035	2,25	0,035	2,25	0,037	2,15	0,037	2,15	
	0,027	3,70	0,027	3,70	0,036	2,75	0,035	2,85	0,035	2,85	0,037	2,70	0,037	2,70	
	0,027	4,40	0,027	4,40	0,036	3,30	0,035	3,40	0,035	3,40	0,037	3,20	0,037	3,20	
	0,027	5,15	0,027	5,15	0,036	3,85	0,035	4,00	0,035	4,00	0,037	3,75	0,037	3,75	
	0,027	5,90	0,027	5,90	0,036	4,40	0,035	4,55	0,035	4,55	0,037	4,30	0,037	4,30	
	0,027	6,65	0,027	6,65	0,037	4,85	0,035	5,10	0,035	5,10	0,037	4,85	0,037	4,85	
	0,027	7,40	0,027	7,40	0,037	5,40	0,036	5,55	0,036	5,55	0,038	5,25	0,038	5,25	
	0,027	8,10	-	-	-	-	0,036	6,10	0,036	6,10	0,038	5,75	0,038	5,75	
	0,027	8,85	-	-	-	-	0,036	6,65	0,036	6,65	0,038	6,30	0,038	6,30	
	0,027	9,60	-	-	-	-	0,036	7,20	0,036	7,20	0,038	6,80	0,038	6,80	
	0,027	10,35	-	-	-	-	0,036	7,75	0,036	7,75	0,038	7,35	0,038	7,35	
	0,027	11,10	-	-	-	-	0,036	8,30	0,036	8,30	0,038	7,85	0,038	7,85	
	0,027	11,85	-	-	-	-	0,036	8,85	0,036	8,85	0,038	8,40	0,038	8,40	
		T1		T1		T1		T1		T1		T1		T1	
		≤ 5		≤ 5		≤ 5		≤ 5		≤ 5		≤ 5		≤ 5	
	300		300		300 ²		300 ²		300 ²		500		700		
	Euroclass E														
	≤ 5		≤ 5		≤ 5		≤ 5		≤ 5		≤ 5		≤ 5		
	-		200		-		-		200		-		-		
	130		-		130		130		-		180		250		
	0,7		-		0,7		0,7		-		0,7		0,7		
	WD(V)1-3		-		WD(V)1-3		WD(V)1-3		-		WD(V)1-3		WD(V)1-3		
	FTCD1		-		FTCD1		FTCD1		-		FTCD1		FTCD1		
	250-80		250-80		250-80		250-80		250-80		250-80		250-80		
	0,07		0,07		0,07		0,07		0,07		0,07		0,07		
	+75 °C		+75 °C		+75 °C		+75 °C		+75 °C		+75 °C		+75 °C		
	skin		structured		skin		skin		structured		skin		skin		
	shiplap		butt edge		butt edge, shiplap, tongue and groove		butt edge, shiplap, tongue and groove		butt edge		shiplap		shiplap		

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