

JACKODUR® Atlas

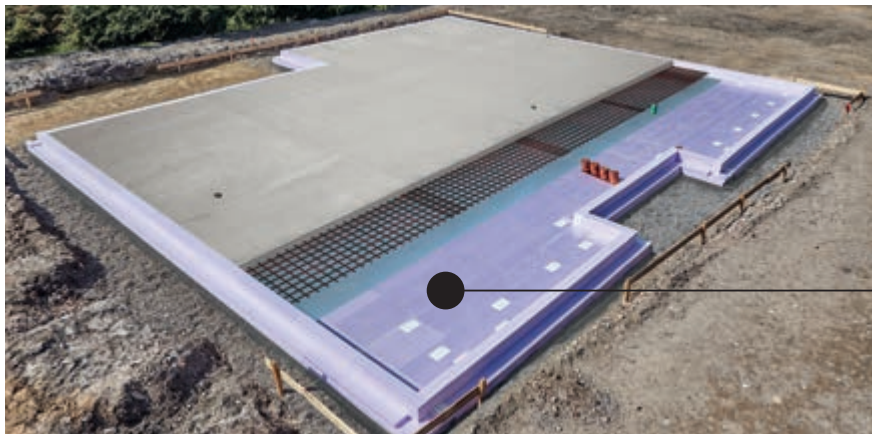
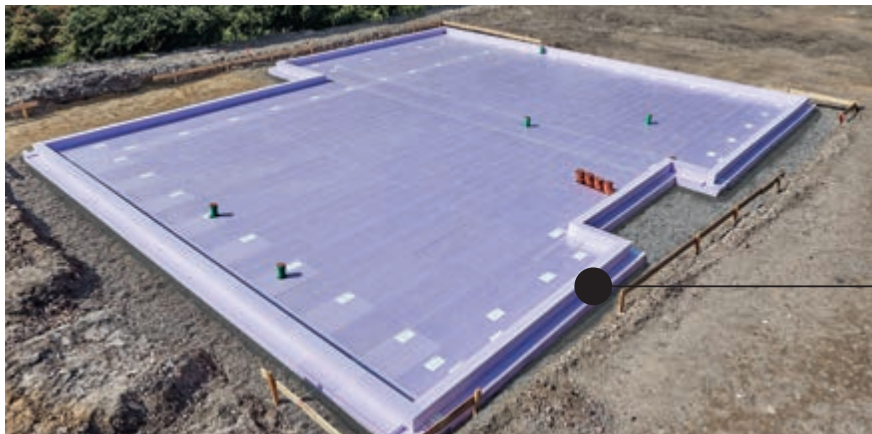
Thermal insulation and formwork system for floor plates.

Made in Germany



JACKODUR® Atlas: That's how to save energy and money

JACKODUR® Atlas – made from extruded polystyrene foam (XPS) – is a sophisticated, efficient thermal insulation and formwork system for base plates. The product's innovative feature is the new, economical interconnection system which makes it possible to install base plate insulation without thermal bridges for all types of buildings.



Watch our video about
JACKODUR® Atlas at
www.jackon-insulation.com

JACKODUR®

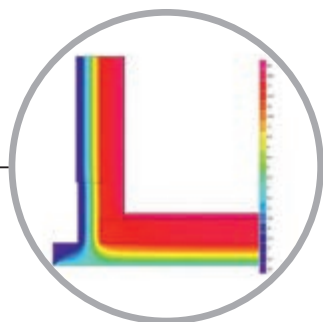
JACKODUR® Atlas has everything going for it.

JACKODUR® Atlas offers you the ideal complete system for insulating your base plate, because it saves time and money during installation, is made of durable material, has a long service life and a high thermal insulation value, and is supplied in complete form and pre-cut to match your floor plan.



Secure, stable inter-connection system.

With innovative tongue-and-groove joints, Atlas exhibits greater resistance to concrete pressure and protects even better against moisture.



Insulation without thermal bridges through JACKODUR® Atlas.



By insulating the floor slab, you consume less heating energy and protect the environment as a result. Your house will be warm and comfortable, and the high quality, durable insulating material will maintain the value of your property over the long term.

JACKODUR® Atlas:
Simply secure and
economical.

The advantages are built right in:

- By installing the formwork and insulation at the same time, you save time and therefore money.
- The stable, pressure-resistant material meets all specifications.
- Perfect installation through the simple interconnection system.
- Thermal bridges are excluded by the very nature of the system.
- Meets the energy-related requirements for the insulation of buildings up to the standards for passive houses.

JACKODUR® Atlas offers reliable insulation and energy cost savings. Together this means a long term investment in the value of your property.

More than 1000 reference sites speak for themselves



Builders throughout Europe count on the benefits of JACKODUR® Atlas.

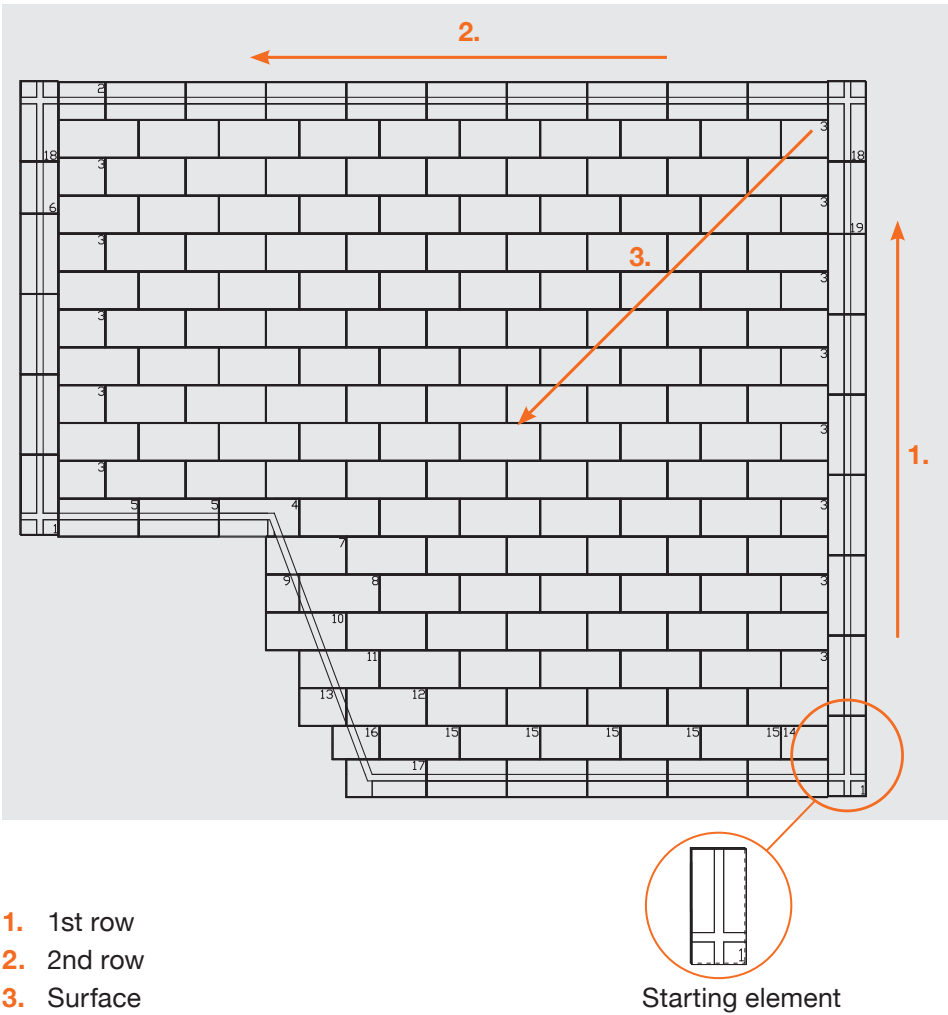
Wolfgang Schütz,
owner,
Euskirchen, Germany

JACKODUR® Atlas is available as a complete system.

That means:

- All parts are perfectly pre-cut for the floor plan, exactly according to the planner's specifications
- You receive all parts as a complete package delivered to the construction site, including a custom installation plan
- Installation is fast, easy, and requires no tools

The installation plan to the right shows how it works:

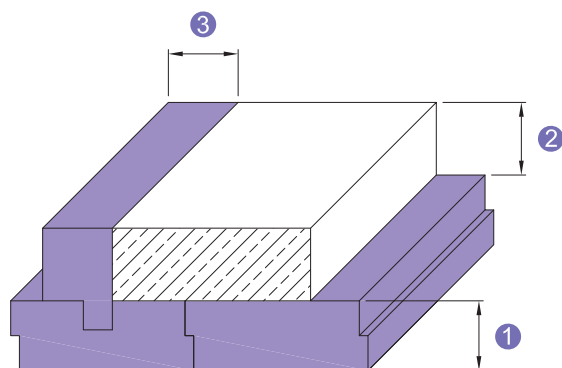


Thermal conductivity λ_D in W/(m·K) and thermal resistance R_D in m²K/W according to standard EN 13164

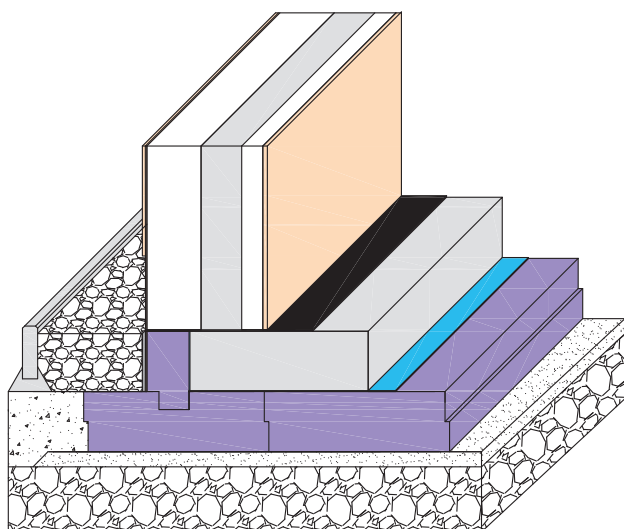
Thickness	JACKODUR®					
	KF 300		KF 500		KF 700	
	λ_D	R_D	λ_D	R_D	λ_D	R_D
100 mm	0,035	2,85	0,037	2,70	0,037	2,70
120 mm	0,035	3,40	0,037	3,20	0,037	3,20
140 mm	0,035	4,00	0,037	3,75	0,037	3,75
160 mm	0,035	4,55	0,037	4,30	0,037	4,30
180 mm	0,035	5,10	0,037	4,85	0,037	4,85
200 mm	0,036	5,55	0,038	5,25	0,038	5,25
220 mm	0,036	6,10	0,038	5,75	0,038	5,75
240 mm	0,036	6,65	0,038	6,30	0,038	6,30
260 mm	0,036	7,20	0,038	6,80	0,038	6,80
280 mm	0,036	7,75	0,038	7,35	0,038	7,35
300 mm	0,036	8,30	0,038	7,85	0,038	7,85
320 mm	0,036	8,85	0,038	8,40	0,038	8,40

Three different compressive strength with dimensioning compressive creep (50 years, deformation < 2 %):
Atlas 300 : 130 kPa, Atlas 500 : 180 kPa, Atlas 700 : 250 kPa

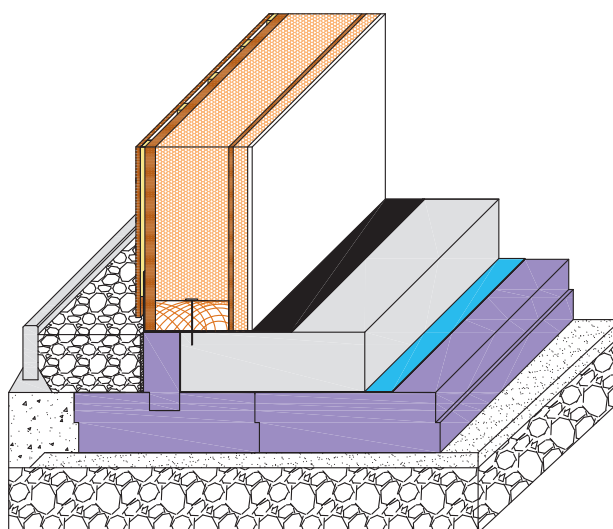
JACKODUR® Atlas Connecting Details:



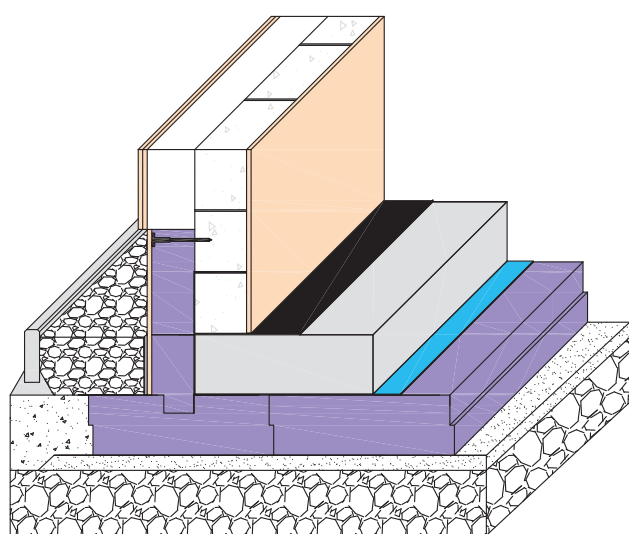
- ① Thickness of the insulation beneath the floor plate
- ② Thickness of the floor plate
- ③ Thickness of the formwork element



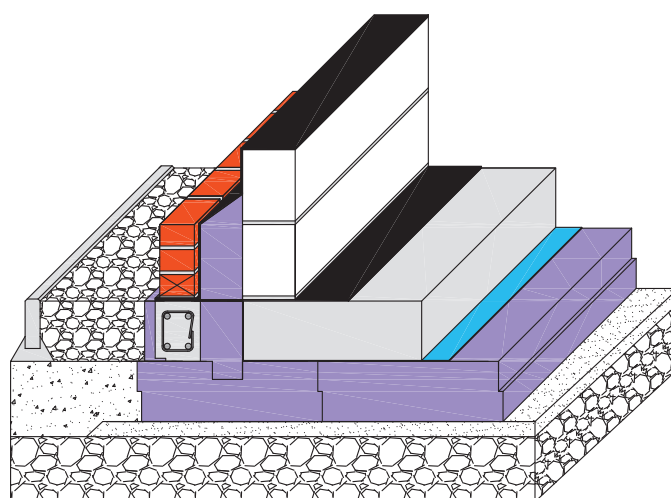
Connecting JACKODUR® Atlas to a concrete shuttering stone system.



Connecting JACKODUR® Atlas to a wood-frame construction.

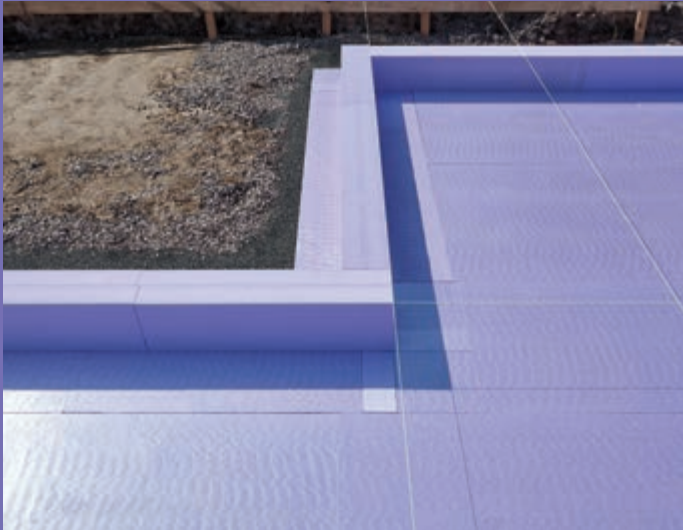


Connecting JACKODUR® Atlas to an External Thermal Insulation Composite System.



Connecting JACKODUR® Atlas to double-walled masonry.

Solutions for construction. Simple but effective.



JACKODUR® Atlas: Don't wait, test it now!

We'll be glad to advise you and to demonstrate all of the benefits that the Atlas system provides to you.

Schedule a consulting appointment today.
The JACKODUR® Atlas team is looking forward to your phone call:

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