

MEHABIT

Insulation filling with adhesive properties as a bitumen-bound aggregate (acc. to DIN 18560-2)

Product description

Universally application; insulation filling approved for construction; product consists of **hemp chips as aggregate** with a solvent-free **bitumen film binder**.

The bitumen film ensures effective cohesion in **bitumen-bound hemp aggregate** after laying: MEHABIT complies with DIN 18560-2 standard for floor screeds.



MEHABIT

Application area

Evening out concrete or wooden beam floors with high **compressive strength** as a substructure for **dry, wet or mastic asphalt flooring**. Stable filling and covering on pipe bundles. **Moisture protection** – only apply MEHABIT onto dry surfaces; always insulate floors laid directly onto the ground against rising damp.

Recommended application thickness:

- depth from around 10 mm (over small areas) up to 200 mm
- may reduce to zero at individual points
- minimum thickness of around 10 mm on smooth sub surfaces (such as plastic sheet)

Benefits

- forms a **self-reinforcing** seamless layer that cures to a stable insulation layer under compression.
- also suitable for heavy compression as the **aggregate does not grind itself down**
- low weight, **hardly any effect on building stability**
- immediate aggregate bonding into an insulation layer at high ambient temperatures (heating pipes, mastic asphalt flooring)
- **dust-free**
- **Approval-No. [Z 23.11-1185]**

technical specification	MEHABIT	Unit/ Standard	filling depth in mm	U-value	wight per unit area kg/m ²
thermal conductivity	0,060	DIN EN 12667 W/(m*k)	10	1,97	1,50
compressive stress at 10% compression	0,070* N/mm ²	DIN EN 826	20	1,49	3,00
granular stability	2,5kN*	DIN 4226-3	30	1,19	4,50
impact sound reduction (uncovered concrete flooring)	19-26	dB	40	0,99	6,00
fire behaviour	B2	DIN 4102-1	50	0,85	7,50
density	ca.140	kg/m ³	60	0,75	9,00
water vapour diffusion resistance	9	DIN EN 12086	70	0,66	10,50

*Average from MPA Stuttgart materials testing