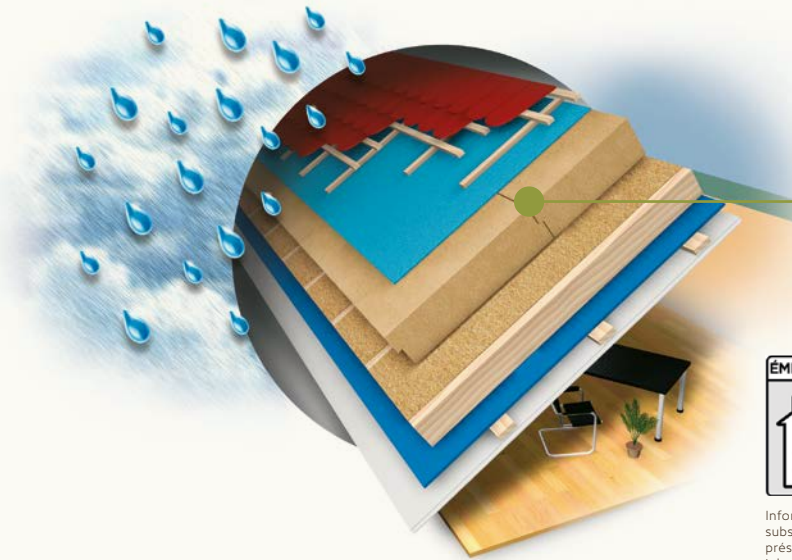


HDP standard

THE ECONOMICAL UNIVERSAL
HIGH-PERFORMANCE INSULATION BOARD.



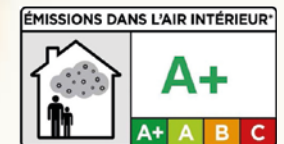
Easy application and outstanding insulation properties render the HDP standard a high-performance insulation board suitable for virtually any application. Be it insulation for roofs, walls or ceilings – you cannot go wrong with the HDP standard. Because the board saves energy in winter, keeps heat out in summer and offers noise protection all year round.



HDP standard

YOUR INSULATION ADVANTAGES AT A GLANCE:

- Manufactured using a modern dry process
- Low thermal conductivity
- Vapour permeable
- National technical approval

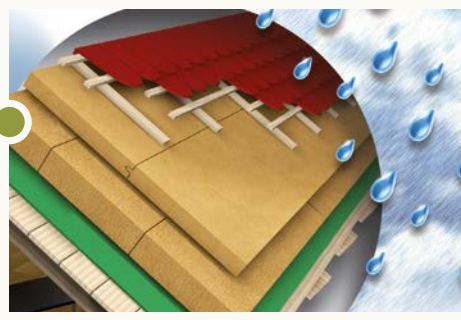


Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)



APPLICATIONS

- Types of application in accordance with DIN 4108-10: DADdm, DZ, DLzg, DEOdm, WABdm, WH, Wlzg, WTR
- On-roof insulation on sheathing or without sheathing, using double threaded screws and large format boards. Exterior insulation behind façade claddings (on sheathing, solid timber walls)
- Interior insulation of walls and ceilings
- Full-surface insulation covering thermal bridges
- Top storey ceilings (low compressive load)



Pitched roof: Homogeneous on-roof insulation with HDP standard.



Top storey ceiling: Insulation against unheated attics with HDP standard.



Optimal thermal conductivity and rabbet edge for glassless laying render the HDP standard the heavy-duty insulation board for virtually any application.



TECHNICAL DATA

Description	Wood fibre insulation board WF-EN 13171-T4-CS(10/Y)20-WS2.0-MU3-AF100
National technical approval (DIBt)	Z-23.15-1417 [DE] ACERMI N° 11/113/669 [FR]
Complete declaration	Wood fibres, PMDI bonding 4 %, paraffin 1 %
Manufacturing process	Dry process
Specific heat capacity	2100 J/(kg·K)
Raw density (ca.)	110 kg/m ³
Compressive modulus of elasticity	1,0 N/mm ²
Compressive stress at 10 % deformation	≥ 50 kPa
Water vapour diffusion resistance factor μ	3
Rated value of the thermal conductivity	$\lambda_b = 0,038$ W/(mK) [EU] $\lambda_{\text{gemäß SIA 279}} = 0,039$ W/(mK) [CH] $\lambda = 0,040$ W/(mK) [DE] $\lambda_s = 0,042$ W/(mK) [AT] $\lambda_{\text{certifié}} = 0,041$ W/(mK) [FR]

TECHNICAL DATA

Flow resistance per meter	≥ 100 kPa·s/m ²
Short-term water absorption	≤ 2,0 kg/m ²
Fire protection	Euro class in accordance with EN 13501-1: E
Disposal code in acc. with AVV	030105, 170201

FORMATE

Form of supply	Homogeneous boards		
Edge profile	Rabbit edge	Flat	
Thicknesses [mm]	140, 160, 180, 200, 220, 240	140, 160, 180, 200, 220	40, 60, 80, 100, 120
Delivery and calculation dimension	1265 x 615 mm	1815 x 615 mm	1250 x 600 mm
Coverage dimensions	1250 x 600 mm	1800 x 600 mm	-

ANY QUESTIONS? USE THE FOLLOWING ADDRESSES FOR EXPERT ADVICE:

Distribution Unit 12, Brecon Enterprise Park, Brecon, Powys Wales LD3 8BT Tel: 01874 611350 Fax: 01874 622774
Training & Manufacturing Tÿ-Mawr, Llangasty, Brecon, Powys Wales LD3 7PJ Tel: 01874 658000 Fax: 01874 622774

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