



Absorber made of hemp

Can be used for all
standard noise-protection panels.



- Renewable material
- 10 dB absorption
- 28 dB sound insulation
- Fire class 3
- Permanent



- ✓ **Renewable raw material**, the hemp fibres used are a by-product of the cultivation of hemp (CBD products).
- ✓ **100 % recyclable = recyclable multiple times**
- ✓ **Outstanding acoustic properties**
- ✓ **Permanently functional**, testing according to EAD 040083-00-0404
- ✓ **Fire safety**, meets the requirement for fire resistance under DIN EN 1794-2:2011, Class 3

Simply get in touch – we will be glad to advise you further:

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Technical Data Canwool

Material: Hemp fibres pressed into sheets

Density: Approx. 140 kg/m³

Dimensions: D: 50mm H: 250mm/500 mm, L: max.2000 mm



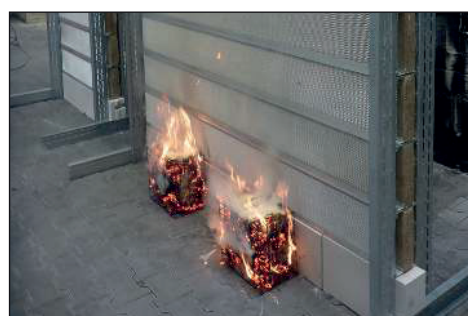
Weathering
according to EAD 040083-00-0404

Result:
No significant change
in the hemp panels



Fire test
according to DIN EN 1794-2:2011
Annex A

Result:
Requirements meet Class 3



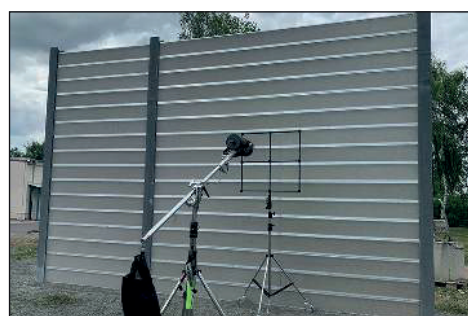
Sound absorption test according to DIN EN ISO 354 and determination of the single number rating (DL_a) according to DIN EN 1793-1 as well as the degrees of sound absorption coefficient (α_s) according to Ril 804.5501 from DB Netz AG

Result:
according to DIN EN 1793-1 $DL_a = 10$ dB



In-situ test
of sound reflection
according to DIN EN 1793-5

Result:
Highly absorbent



In-situ testing
of sound transmission
according to DIN EN 1793-6

Result:
28 dB

