

twebuilding



smart is ...

... when materials and competences complement each other perfectly.

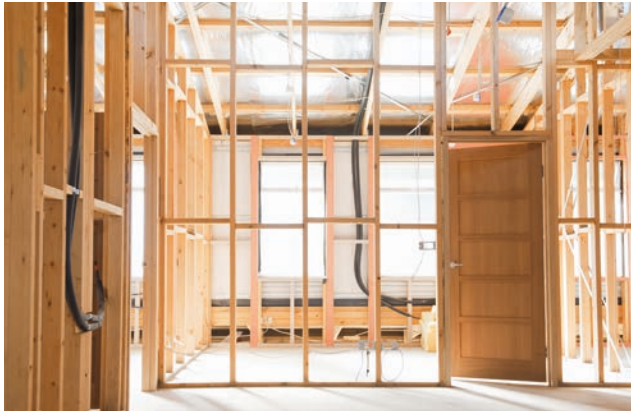


Acoustic Insulation

- soft or rigid polyester materials, COV free (A+)
- used in partition walls or as ceiling insulation
- does not release inhalable dust particles during use
- keeps their acoustic properties over time

Safe-T-Sound

Acoustic Insulation



Acoustic Absorption



twe group
smart nonwoven
solutions

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Our product range:



Safe-T-Sound

	SAFE-T-Sound	Thick. mm standard	Standard weight range (g/m ²)	Sound Insulation	Fire retardant	Application
Acoustic Isolation	COMFORT	45	540	43 dB acc. ISO 140-3	Bs2 d0	M1 Zwischenwand
	ADVANCE	45	900	43 dB acc. ISO 140-3	Bs2 d0	M1 Zwischenwand
	FUSION	45	1350	43 dB acc. ISO 140-3	B1	M1 Zwischenwand
Acoustic Absorption	CLASSIC	30–60	600–1200		Bs1 d0 (20 kg/m ³)	– Decke
	BLACK	20–60	400–1200		Bs1 d0 (20 kg/m ³)	– Decke
	GRAPHIC	25–60	1000–3000	41 dB acc. ISO 140-3 (45 mm/1800 g)	Bs2 d0	M1 for printing applications
	PRESTIGE	15–50	300–2000	41 dB acc. ISO 140-3 (45 mm/900 g)	Bs2 d0	M1 divers

Features

- Wide range of different products
- Different treatments possible

3 in 1:

One product covers various functions:

- Sound absorption
- Sound insulation
- Thermal insulation

Benefits

- Does not irritate skin or eyes
- Recyclable (100 % PET)
- Good indoor air quality – zero emission of VOCs or formaldehyde, A+ label in France
- No chemicals used
- Humidity and rot resistant
- No inhalable dust generation during handling
- Class I acc. to Ökotex 100 standard

Benefits vs. Mineral fibers or melamine foam:

- Durable (100% polyester fibres) – keeps their acoustic properties over time
- Soft and flexible
- No chemicals used, no emission of VOC's, A+ rating
- Stable, does not perish or disintegrate over time
- Health and safety