

FESCO SP, FESCO SP/LT

E-p13

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Description

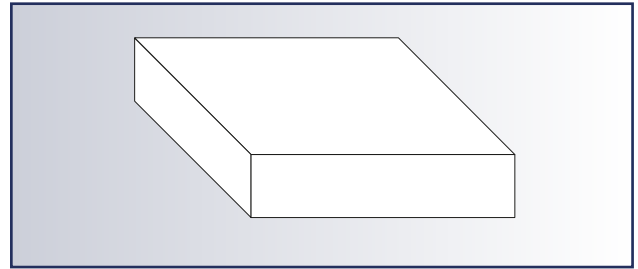
Insulation board consisting of expanded perlite, binders and fibres.
Production is covered by ISO 9001 and ISO 14001 certifications.

Uses

Thermal insulation with waterproofing systems under asphalt concrete.

Fesco SP is suitable for concrete roof car park decks for light vehicles, under waterproofing felts fully bonded in hot bitumen.

Suitable for new work and refurbishment, and as an overlay for Fesco LT. Compatible with FescoDrain.



Advantages

- Ecological and recyclable
- Certified thermal properties
- Resistant up to 5 kg/cm linear pressure of the manual roller when compacting the bituminous concrete
- Compatible with hot bitumen
- Designed to resist up to 8 kg/cm linear pressure of the roller when compacting the bituminous concrete

See the relevant "Application" brochure.

Approved Specification document available

	Fesco SP		Fesco SP/LT	
Thickness (mm)	20	40	55 (20/35)	60 (40/20)
R _D (m ² .K/W)	0.30	0.65	1.00	1.00

Caractéristiques

	Value		Unit	Standard
	Fesco SP	Fesco SP/LT		
Length, width	1200 x 600		mm	EN 822
Thickness	20 & 40	55 (20/35) & 60 (40/20)	mm	EN 823
Nominal density	275	55 mm - 195 60 mm - 235	kg/m ³	EN 1602
Declared thermal conductivity, λ _D	0.062	Fesco SP - 0.062 Fesco LT - 0.050	W/m.K	ThU 215 EN 13169
Compressive stress at 10% deformation	≥ 450	≥ 200	kPa	EN 826
Deformation under 80 kPa at 80°C for 7 days (or 7 days at 60°C according to EN 1605)	< 5		%	UEAtc
Compressibility class	D E		-	UEAtc IGLAE
Application type	DAA		-	DIN 4108-10
Application classification	dm, dh, ds		-	DIN 4108-10
Point load (on 50 cm ²) at 2 mm deformation	≥ 2000	≥ 1400	N	EN 12430
Water absorption by total immersion	≤ 0.07		kg/dm ³	EN 13169
Dimensional stability - after 48h at 23°C and 90% RH, length and width / thickness	≤ 0.5 / 1.0		%	EN 1604
- after 48h at 70°C and 50% RH, length and width / thickness	≤ 0.5 / 1.0		%	EN 1604
- residual deformation at 23°C after stabilisation at 80°C	< 0.2		%	UEAtc
Tensile strength perpendicular to faces	≥ 40		kPa	EN 1607
Specific heat capacity	≥ 900		J/kg.K	EN ISO 10456
Water vapour diffusion resistance factor, μ	5		-	EN ISO 10456
Reaction to fire classification (Euroclasse)	F		-	EN 13501-1

The characteristics of our products are subject to normal manufacturing variations and can be changed without prior notice. Check with your Sitek office for current information.