

Teknofloor ST 40 panel in high-density chipboard made from wood chips, resin and inert materials with high resistance to mechanical strain and fire. Processing is performed with grinding of the entire panel already backed with the surface so as to make it all perfectly suitable for the attachment of the self-extinguishing perimetral edge fitted all along the height of the panel before final bevelling of the surface finish.

Total thickness with surface finish in resilient material or laminate approximately 40mm.

Total thickness with surface finish in porcelain stoneware approximately 48 mm.

Total thickness with surface finish in stone from 50 to 55 mm approximately.

DESCRIZIONE TECNICA:

REACTION TO FIRE:

Class 1

RESISTANCE TO FIRE:

REI 30 (UNI EN 1366-6)

ELECTRICAL RESISTANCE:

$\leq 2 \times 10^{11}$ ohm

SOUND DEADENING POWER:

≥ 32 dB

DENSITY:

720/740 kg/m³

DIMENSIONAL VARIATION (after 24 hours immersion in water):

$\leq 10\%$

WEIGHT OF PANEL (with finish in resilient material or laminate):

$\pm 10,5$ kg

WEIGHT OF PANEL PER SQ. M. (with finish in resilient material or laminate):

$\pm 27,8$ kg

WEIGHT OF PANEL (with finish in porcelain stoneware):

$\pm 19,5$ kg

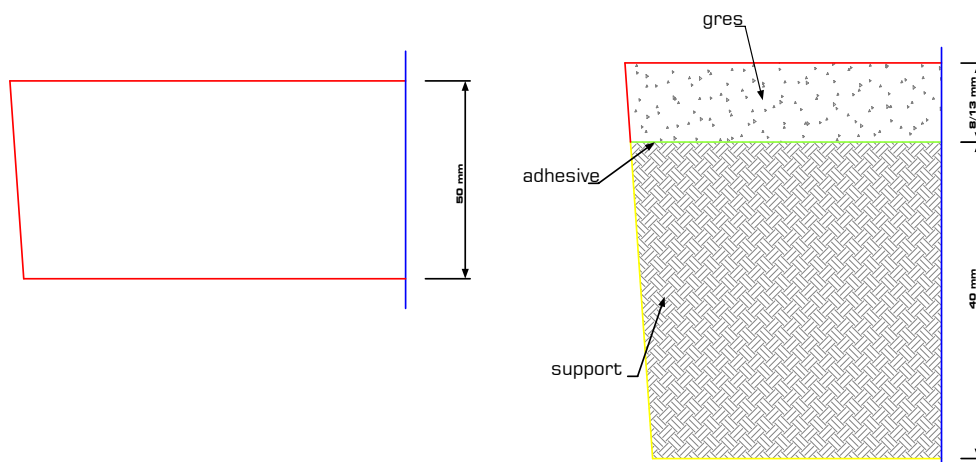
WEIGHT OF PANEL PER SQ. M. (with finish in porcelain stoneware):

SPECIFIC HEAT:

THERMAL CONDUCTIVITY λ^*

1,36 (0,16 + 1,2) W/mK

*The thermal conductivity value is of the finished panel, with the ceramic finish already applied. The λ value of the ceramic finish is taken from values published by KlimaHaus – CasaClima.





CONCENTRATED LOAD (with finish in ...)	CTA/CTS		CTR		CTT		CTTR	
	load	class UNI EN	load	class UNI EN	load	class UNI EN	carico	class UNI EN
Resilient materials or laminates	410 kg	3/2/A1*	440 kg	3/2/A1*	460 kg	3/2/A1*	470 kg	3/2/A1*
Stoneware or stones 600x600 mm	510 kg	4/2/A1*	530 kg	4/2/A1*	560 kg	4/2/A1*	580 kg	4/2/A1*

DISTRIBUTED LOAD (with finish in ...)	CTA/CTS	CTR	CTT	CTTR
	load	load	load	load
Resilient materials or laminates	1.550 kg	1.750 kg	1.900 kg	1.900 kg
Stoneware or stones 600x600 mm	1.800 kg	2.200 kg	2.300 kg	2.300 kg

* Loading class / safety factor / flection / dimensional tolerance (see p.74).