

Teknofloor SS 30 panel with core made from a mixture of anhydrous calcium sulphate reinforced with organic fibres free of asbestos and any toxic materials. Panel with elevated resistance to mechanical strain and fire, excellent sound-deadening properties and minimal propagation of impact noise. Thanks to its characteristic stability of form and dimensions this type of panel is also able to guarantee that the floor is hard-wearing.

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. The last step is to bevel the surface finish.

Total thickness with surface finish in resilient material or laminate approximately 32 mm.

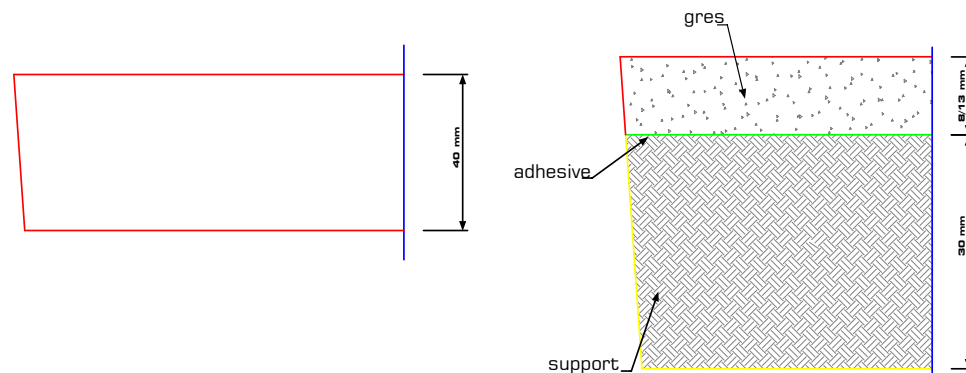
Total thickness with surface finish in porcelain stoneware approximately 40 mm.

Total thickness with surface finish in stone from 40 to 50 mm approximately.

DESCRIZIONE TECNICA:

REACTION TO FIRE:	Class 1
RESISTANCE TO FIRE:	REI 30 (UNI EN 1366-6)
ELECTRICAL RESISTANCE:	$\leq 2 \times 10^{10}$ ohm
SOUND DEADENING POWER:	≥ 38 dB
DENSITY:	1500 kg/m ³
DIMENSIONAL VARIATION (after 24 hours immersion in water):	$\leq 0,3\%$
WEIGHT OF PANEL (with finish in resilient material or laminate):	$\pm 17,5$ kg
WEIGHT OF PANEL PER SQ. M. (with finish in resilient material or laminate):	$\pm 48,6$ kg
WEIGHT OF PANEL (with finish in porcelain stoneware):	$\pm 24,3$ kg
WEIGHT OF PANEL PER SQ. M. (with finish in porcelain stoneware):	$\pm 67,5$ kg
SPECIFIC HEAT:	903,90 \pm 50,75 J/kg ^o K
THERMAL CONDUCTIVITY λ^*	1,64 (0,44 + 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	550 kg	4/2/A1*	580 kg	4/2/A1*	600 kg	4/2/A1*	610 kg	4/2/A1*

DISTRIBUTED LOAD (with finish in ...)	CTA/CTS	CTR	CTT	CTTR
	load	load	load	load
Resilient materials or laminates	1.650 kg	1.800 kg	2.000 kg	2.000 kg
Stoneware or stones 600x600 mm	2.000 kg	2.400 kg	2.500 kg	2.500 kg

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