KOBERT-IN | PE & FR **TECHNICAL DATA**

Kobert-In is a large format wall covering, created with the objective of decorating interiors, both commercial and residential.

It is a composite panel with external layers of aluminum and mineral core, lightweight, robust and easy to handle. Its technical qualities provide great dimensional stability and a very high resistance to fire (Bs1d0) and humidity (100% waterproof).

Three collections, different finishes:

- **High Gloss Collection,** with a spectacular shiny gloss finish
- **Matt Collection,** with an attractive matt textured finish
- **Ultra Matt Collection,** with an elegant anti-fingerprint ultra-matt finish

The installation of Kobert-In is done easily, quickly, without the need for specific tools and also does not generate dust when cutting.

CHARACTERISTICS	KOBERT-IN FR			KOBERT-IN PE			NORM
Finish	HIGH GLOSS	MATT	ULTRA MATT	HIGH GLOSS	MATT	ULTRA MATT	
Panel dimensions (height x width x thickness)	96” x 48” x 3/16” ; 96” x 39” x 3/16”			96” x 48” x 3/16” ; 96” x 39” x 3/16”			
Fire resistance	BS1D0			CS1D0			EN 13501-1 2007+A1 2010
Cold liquid resistance (1h)	5	5	5	5	5	5	UNE-EN 12720 09 +A1 2014
Ball drop test ([1])							
Height in mm	>2000	>2000	>2000	>2000	>2000	>2000	UNE-EN 14323 2017
Footprint diameter in mm	<10	<10	<10	<10	<10	<10	
Scratch resistance A (N) method	>20	>13	>20	>20	>13	>20	UNE - EN 15186 2012 A method
Bacterial resistance	0	0	0	0	0	0	EN ISO 846 1997
Water vapour resistance (grade)	5			5			UNE-EN 14323 2017
Resistance to wet heat at 85°C	5			5			UNE - EN 12721 09 + A1 2014
Resistance to wet heat at 100°C	5			5			UNE - EN 12721 09 + A1 2014
Aluminium thickness	0.3			0.2			DIN 1784
Weight	6,3 kg/m²			5,8 kg/m²			
Linear thermal expansion	2,4 a 100°C mm/m			2,4 a 100°C mm/m			EN1999 1-1 (Temp diff °c)
Coefficient of heat transfer U	5,48 W/m2K			5,48 W/m2K			DIN 4108
Temperature range	(-50°C + 80°C)			(-50°C + 60°C)			
Corrosion (240h)	No changes			No changes			UNE EN 14428 / UNE EN 9227
Cleaning suitability ([2])	5			5			UNE EN 14428 / UNE EN 12720
Resistance to chemicals and stains ([3])	No changes			No changes			UNE EN 14428
Voc emission test package including odour tests (Indoor Air Europe Superior) ([4])	A+			Pending			EN 16516

([1]) The impact resistance of the coating has been considered and not that of the support panel itself, since at this height there are no cracks or marks greater than 10mm. However, the support panel suffers a deformation in flatness from lower drop heights, especially visible in the high-gloss sample.
([2]) Products tested: bleach, vinegar, 96° alcohol, cleaning alcohol, turpentine, ammonia, Viakal and Fairy. In the case of turpentine the result is 4.
([3]) The products tested are: acetic acid (10%), sodium hydroxide (10%), ethanol (70%), Bleach and Methylene blue.
([4]) French, Italian, Belgium, AgBB, M1, DICL, Well, LEED v4.1, BREEAM International, BREEAM Norway, BREEAM NL, SINTEF y ECOproduct VOC regulations.

Installation video