

WALL TILE ADHESIVES CHOICE GUIDE

WARNING: the following information in the box are the result of our experience.
Follow the regulation valid for the country where the products are used in any case.

MAX. LENGTH OF THE LONGER SIDE OF TILE (cm)	HIGH PERFORMANCE ADHESIVES FOR CERAMIC TILES AND STABLE NATURAL STONES																		HIGH PERFORMANCE ADHESIVES FOR NATURAL AND SYNTETIC STONES				HIGH PERFORMANCE EPOXY POLYURETHANE ADHESIVE	READY TO USE ADHESIVE	
	BENFERFLEX MAX-S2	BENFERFLEX MAX FAST-S2	BENFERFLEX+S1	BENFERFLEX+ FAST-S1	BENFERFLEX LIGHT	BENFERFLEX-XL	BENFERFLEX C2	PRIMO FLEX C2TES1	C2+	BENFERFLEX RAPIDO	BENFERFIX RAPIDO	BENFERFIX RAPIDO + CEMLATEX 600	BENFERFLEX N	BENFERGRIP+	BENFERGRIP C2TE	BENFERGRIP C2TE + CEMLATEX 600	BENFERFIX EXTRA	EASYTILE	MARMOFLEX-HT	MARMOFLEX S1	MARMOFLEX+S1	MARMOFLEX-2K	BENFERJOLLY	POWERPLASTD2	
EN 12004 classification	C2TE S2	C2FTE S2	C2TES1 C2E(G)S1	C2FTE S1	C2TE S1	C2TE S1	C2TE S1	C2TE S1	C2TE S1	C2FTE S1	C2F	C2FS2	C2TE	C2TE	C2TE	C2TE S2	C1TE	C1	C2FT S1	C2FT S1	C2FT S1	C2S2	R2T	D2T	
SUITABLE SUBSTRATES																									
OUTSIDE	Aged concrete ⁴	120 ¹	120 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	120 ¹	60 ¹			120 ¹			90 ¹	90 ¹	90 ¹	120 ¹	120 ¹		
	Cement screeds ⁴	120 ¹	120 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	30 ¹	120 ¹	60 ¹	30 ¹	30 ¹	120 ¹			90 ¹	90 ¹	90 ¹	120 ¹	120 ¹	
	Flexible waterproofing ⁴	120 ¹	120 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	90 ¹	120 ¹	60 ¹			120 ¹			90 ¹	90 ¹	90 ¹	120 ¹	120 ¹	
INSIDE	Aged concrete	360	120 ¹	360	360	360	360	360	360	360	60	360	90	60	60	360			360	360	360	360	360	45	
	Cement screeds	360	360	360	360	360	360	360	360	360	60	360	90	60	60	360	30	30	360	360	360	360	360	45	
	Cement based plaster	360	360	360	360	360	360	360	360	360	60	360	90	60	60	360	30	30	360	360	360	360	360	45	
	Plasterboard	360	360	360	360	360	360	360	360	360	60	360	90	60	60	360	30		360	360	360	360	360	45	
	Gypsum boards	360	360	360	360	360	360	360	360	360			90	60	60	360							360	45	
	Old tiles ³	360	360	360	360	360	360	360	360	360	360	30	360	60	30	30	360			360	360	360	360	360	45 ²
	Wooden boards	90	90	60	60	60	60	60	60	60	60		90				90			60	60	60	90	90	45
	Flexible waterproofing	360	360	120	120	120	120	120	120	120	120		360	60			360			120	120	120	360	360	45 ²
	STEEL / PVC																							60	
SWIMMING POOL	Aged concrete	120	120	90	90	90	90	90	90	90	90	30	120	30	30	30	120			90	90	90	120		
	Cement screeds	120	120	90	90	90	90	90	90	90	90	30	120	30	30	30	120			90	90	90	120		
	Flexible waterproofing	120	120	90	90	90	90	90	90	90	90		120	30			120			90	90	90	120		
	STEEL / PVC																								

- Use not allowed
- Treatment with specific primer
- Abrasion of support is recommended
- Fast setting
- Paste adhesive

¹ For tiles with longer side > 30 cm, the double coating is prescribed, the designer must consider the necessity of using a suitable mechanical security fix (point 7.13.7 or regulation UNI 11493-1)

² tiles with water absorption > 3%
³ tiles must be stable and have a good adhesion to support

⁴ the support must have a cohesion strength to traction (strain) and adhesion to the underneath load-bearing substrate, not inferior to 1 N/mm² (point 7.13.7 of regulation UNI 11493-1)