



## V-44 SUPER FLEXIBLE - GREY

Cement based tile adhesive with synthetic fibers, elastic, with improved adhesive strength, very high quality and very elastic, and with high correction time, for large tiles and for critical surfaces. It is distinguished by a very good workability, and resistance to moisture and frost.

Classified as C2TES1 adhesive according to EN 12004 standard

### CHARACTERISTICS

- Recommended for tiles up to 120 cm long
- For balconies, terraces and swimming pools
- For indoor and outdoor use
- C2TES1 adhesive according to the EN 12004 standard
- Suitable for covering ceramic facades
- High flexibility
- Suitable for underfloor heating systems
- Resistant to different atmospheric conditions
- Reinforced with fibers



### APPLICATION

V-44 Super Flexible adhesive is a tile adhesive certified as C2TES1 in accordance with EN 12004. V-44 Super Flexible is composed of high quality cement, quartz sand, mineral powder filler and other additives.

It is recommended to be used mainly on stoneware tiles, ceramic tiles, porcelain tiles, natural stone tiles, marble tiles and mosaics. It is applied in indoor and outdoor environments, on horizontal and vertical surfaces, in areas such as bathrooms, kitchens, basements, living rooms, bedrooms, stairs, balconies, terraces and swimming pools. It is also suitable for areas where there is a lot of movement such as supermarkets, schools, corridors, shops.

### METHOD OF USE

The surface where the V-44 Super Flexible adhesive will be applied must be cleaned of impurities from various wastes, grease, and oils and depending on the surface, a primer can be applied. The surface must not be wet. The surface where the adhesive will be applied must be level.

Pour the amount of 25 kg of adhesive into a container where it is previously poured fresh water in the right amount. After putting them in a container with a mixer, mix until a homogeneous mass is obtained. Let it rest for 10 minutes and mix it again. The workability time of the mixture is 2-4 hours. The surface where it will be applied must be free of dust and grease. For indoors use, the surface coverage on the back side of the tile must be no less than 70%.

Apply the adhesive with a suitable trowel and spread it evenly with a notched steel trowel. It is recommended to work in suitable atmospheric conditions at temperatures from +5°C to +35°C. The grout line filler is applied when the adhesive has completely dried.



MADE FOR EASY LIFE

Villa Ceramica, Spain  
Calle Camí de Ratlls, 40 12200  
Onda (Castellón) - SPAIN

Distributor for Belgium:  
Billa Tegel Import  
Klaverbladstraat 1 | 3560 Lummen

Distributor për Ballkanin:  
Billa & Co shpk.  
Autostrada Tiranë - Durrës  
Km. 7, Kashar, Albania





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### TECHNICAL DATASHEET / CONSUMPTION

Appearance:	Powder
Color:	Grey
Conservation (in original packaging, in dry place):	12 month
Inflammability:	No
Mix ratio (water for 25kg)	7 - 7.5 liters of water
Density:	1.63 gr/cm <sup>3</sup>
pH:	12
Application temperature:	From +5 °C to + 35 °C
Adjustment time:	3-4 hours
Open time according to EN 1346:	≥ 30 min
Correction time:	≥ 30 min
Vertical slip according to EN 1308:	< 0.5 mm
Ready for traffic:	After 24 hours
Wall grouting:	After 8 – 12 hours
Floor grouting:	After 24 – 32 hours
Final hardening :	After 7 days

<b>CE</b>	
Calle Camí de Rafils, 40 12200 Onda (Castellón) – SPAIN	
C2TES1	
EN 12004-1:2017	
For laying ceramic tiles indoors and outdoors	
Reaction to fire:	A1
Bond strength such as:	
Initial tensile adhesion strength	>1 N/mm <sup>2</sup>
Resistance to:	
Tensile adhesion strength in the heat:	>1 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion:	>1 N/mm <sup>2</sup>
Tensile adhesion strength after freeze/thaw cycle:	>1 N/mm <sup>2</sup>
Coverage:	3–6 Kg/m <sup>2</sup> <small>(depending on the thickness)</small>
Packaging: 25 Kg	

Notch Size (mm)	Average consumption (kg/m <sup>2</sup> )
4	3
6	4
8	5
10	6

### SAFETY NOTICE

The works must be carried out in accordance with construction standards and safety rules at work. In cases where you encounter any problems, contact technical assistance or perform a sampling procedure. It contains cement and additives, so you must protect your skin and eyes. In case of contact with the eyes, rinse with plenty of water and seek medical help.

### PLEASE NOTE

It is recommended that V-33 Flexible be applied in dry conditions and at a temperature from +5°C to +30°C. The obtained results were obtained at a temperature of 25°C and with a relative humidity of 45%. Different conditions can cause the hardening to accelerate or slow down.

