



## Gritted Primer for absorbent and non-absorbent substrates.

- ▼ For absorbent and non-absorbent substrates
- ▼ Interior and exterior use
- ▼ Ready to use
- ▼ Solvent-free
- ▼ Rapid-drying
- ▼ Low VOC Emissions

### TECHNICAL FEATURES:

Validus Tenaci is a primer based on special styrene butadiene polymer dispersion, designed to obtain a perfect adhesion to many kind of substrates.

It is used as a primer to improve the adhesion to absorbent and non-absorbent substrates prior to the installation of natural stone or ceramic and porcelain tiles, with cement-based Validus adhesives.

Validus Tenaci reduces the porosity of the substrate and protects moisture sensitive substrates from the water in cement-based adhesives.

### SUITABLE SUBSTRATES OR USES:

- ▼ Hydraulically setting screeds
- ▼ Cement, calcium sulphate and poured asphalt screeds
- ▼ Levelling compounds
- ▼ Existing tiled finishes
- ▼ Steel and glass
- ▼ Cement-lime renders and gypsum plasters
- ▼ Gypsum fibre boards, moisture resistant plasterboard
- ▼ Brickwork, aerated concrete, lime-sand blocks

**Consumption: 100gr/m<sup>2</sup>**

### STORAGE:

The product must be stored unopened and sealed, in its original packaging in a cool, dry place.

### SHELF LIFE:

Approximately 12 months from the date printed on the side of the packaging.

size:  
**5kg**



### PACKAGING:

Stock Code	Colour	Size	Packaging
7353	Blue	5kg	Singles



## SUBSTRATE PREPARATION:

Before starting, all substrates must be clean, dry and strong enough to support the weight of the tiles, tile adhesive and grout.

Remove all dust, dirt, oil, grease, old adhesive, levelling compounds and paint residues and other contaminants that may affect adhesion.

Remove any layers or surface covering that may adversely affect the bond, by mechanical brushing, abrasion, scabbling or shot-blasting.

Calcium sulphate screeds must be abraded, then vacuumed, followed by priming with Validus Tenaci.

The moisture content when measured by a carbide hygrometer (CM device) must not exceed:

- ▼ Cement-based screed on insulation or separating layers in interior areas: 2%
- ▼ Calcium sulphate screeds without underfloor heating: 0.5%
- ▼ Calcium sulphate screeds with underfloor heating: 0.3%
- ▼ Gypsum based plaster: 1%

## INSTRUCTIONS FOR USE:

Validus Tenaci is ready to use. Do not dilute the product. Stir thoroughly before use. Apply an even thin coat of Validus Tenaci using a roller.

If the substrate is very absorbent or an anhydrite based screed we recommend applying a second coat of Validus Tenaci. When applying a second coat, only do so when the first is dry to touch.

Drying time is approximately 1 hour. On absorbent substrates tiles can be laid as soon as the Validus Tenaci is touch dry. Do not wait more than 24 hours before tile laying.

When applying Validus Tenaci, protect areas not to be treated. Wash off splashes immediately with water.

Use on dry substrates only. Do not apply with temperatures lower than 5°C and higher than 35°C.

Clean any surplus as soon as possible as dried material will become increasingly difficult to remove. Clean tools after use with water.

Product for professional use only.

size:  
**5kg**





## product technical specification

Basis:	Styrene butadiene polymers in water dispersion
Colour:	Blue
Storage and Duration:	12 months in the original closed packaging in a cool & dry place
Danger of harm:	No
Flammability:	No
Ph:	6.5
Density:	1.2 kg/dm <sup>3</sup>
Viscosity:	214 mPa-s at +23°C
Application/substrate temp:	+5°C to +40°C
Temperature resistance:	-30°C to +90°C
Consumption:	Approximately 100g/m <sup>2</sup>
Traversable on dry substrate:	Approximately 1 hour*
Overcoatable:	After 1 hour*
Deadline for use:	From 1 to 24 hours

\* at 23°C and 50% relative humidity

size:  
**5kg**





**PLEASE NOTE:**

If you are unsure with any of our instructions, please consult our **Technical Department on 0870 9090 001.**

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**Technical Data Sheet Version Number: VA.TI.T01**

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