



**Pot Life: 20-25 mins**  
**EN 12004 CG2 WA**

#### **STORAGE:**

The product must be stored unopened and sealed, in its original packaging in a cool, dry place. Opened bags must be closed, ideally with an airtight clip, and used as soon as possible.

#### **SHELF LIFE:**

Approximately 24 months.  
Expiry date: See Best Before date printed on the front of the packaging.



**An anti-bacterial, flexible, smooth cement-based grout for joints 1 to 6mm, suitable for use with all types of ceramic, porcelain and natural stone tiles in interior and exterior wall and floor applications.**

- ▼ For joints from 1 to 6mm wide
- ▼ Antibacterial and mould resistant
- ▼ Water repellent
- ▼ Resistant to freeze/thaw cycles
- ▼ Good application and wash-off properties
- ▼ Smooth surface
- ▼ Suitable for use with underfloor heating
- ▼ EC1 R PLUS: very low emission
- ▼ Fulfils the requirements of EN 13888, CG2WA
- ▼ For complimentary silicones see Validus Finem Silicone range

#### **TECHNICAL FEATURES:**

Validus Aspecto is cement-based tile grout material. It is antibacterial, flexible, and of a smooth consistency, and designed for joints 1 to 6mm.

It is suitable for use with all types of ceramic, porcelain and natural stone tiles in interior and exterior applications. Compatible with under tile heating. Suitable for swimming pools and submerged applications.

#### **M40 SPECIFICATION CLAUSE FOR CONTRACTS:**

Floor and wall coverings must be grouted with a cement-based, antibacterial, flexible, mould resistant, water-repellent grout, EC1 R PLUS certified and tested in accordance with EN 13888 class CG2WA, such as Aspecto by Validus.



### SUITABLE SUBSTRATES OR USES:

Before applying Validus Aspecto, ensure that the tiles have been laid correctly and are secured to the substrate. Ensure that the tile adhesive has set, and that the substrate is perfectly dry and free from any rising damp. Grout joints must be clean and dry, free from dust and should have a uniform depth of at least two thirds of the overall thickness of the tile to avoid any variation in colour.

Grout joints in accordance with BS 5385, parts 1-5 and follow the recommended waiting time indicated on the relative Validus data sheet for the adhesive used.

Please note that some ceramic tiles may be micro-porous or have roughness of surface. It is advisable to carry out a preliminary test to verify that it can be cleaned. If necessary, apply a pore sealer on the surface to mitigate staining. Always test the product first to establish that the outcome is visually acceptable.

For adverse ambient conditions, particularly high temperatures, low humidity, or for grouting highly absorbent ceramic surfaces, the grout joint will cure better when the joint is lightly moistened first.

### CONSUMPTION:

1.55kg of dry powder yields 1000cc.

### PRODUCT PREPARATION:

Ensure mortar joints are adequately cleaned of adhesive residues; once the adhesive has sufficiently set, then wet-clean the tile surface. The adhesive bed must be fully set or discolouration may appear.

Mix a quantity that you can use comfortably within the products pot life (As a guide 20-25 minutes at 23°C and 50% RH) Product that has begun to set must be discarded.

Mix Validus Aspecto with clean water in a clean container, with a mixer at a low speed (300-500 rev/min) until you achieve grout of a smooth and lump free homogeneous consistency.

As a guide to powder to water ratio, 5kg of Validus Aspecto requires approximately between 1.2-1.5 litres of water, dependent on the desired consistency. Adding extra water does not improve the workability and the cleanability of the grout, and may cause shrinkage in the plastic phase of drying and result in less effective final performance.





### PRODUCT PREPARATION CONTINUED:

Prepare all mixtures required to complete the process using the same amount of water, to avoid any variations in grout shade.

Allow the product to stand for about 4 minutes, then remix. The grout is now ready to use and must be used within 20-25 minutes.

### INSTRUCTIONS FOR USE:

Validus Aspecto should be applied evenly to the grout lines on the tile covering using a rubber grout float or spreader.

Application in a diagonal movement across the joints will achieve the best results. Grout material must completely fill joints.

Remove the bulk of surface grout material immediately, ensuring no more than a film or haze is residual on the tile. The time between grouting and final cleaning can vary depending on temperature and site conditions.

### CLEANING:

Once the grout has dried for approximately 20 to 30 minutes (grout takes on a matt appearance), clean the surface to remove any excess and finish the grout using a damp grout cleaning sponge.

Use circular movements, taking care not to damage the joints. Sponge across the joints, applying water evenly over the tiles. Wiping the joints diagonally helps to reduce hollowing of the joints below desired fill level.

Refresh the sponge frequently with clean water, uniformly applying water to avoid colour variation. Stubborn residue or grout haze can be removed, once the grout lines have hardened, using an abrasive white pad and clean water. Take care that any abrasive materials used do not damage delicate tile surfaces.

When the grout is fully hardened, the tiled surface can be polished using a clean and dry cloth. Protect freshly grouted areas from extremes of temperatures, excessive rain and frost. In ideal conditions grouted areas can accept light foot traffic after three hours.

The area can be returned to full service within 24 hours, or in 48 hours where the product has been used in swimming pools and water storage tanks. Grout lines can be further protected by the application of a suitable grout sealer.)





## NOTES AND RECOMMENDATIONS:

- ▼ Joint mortar which has already begun setting should not be made workable again through the addition of water and/or fresh mortar. This jeopardises colour consistency. For best consistency, material from the same production batch should be applied throughout an area.
- ▼ Only use clean water and clean tools.
- ▼ Ensure a clean substrate prior to grouting.
- ▼ Observe setting times of adhesives and avoid grouting too early.
- ▼ Protect the joints from forced or rapid drying by preventing over-exposure to sunlight and draughts.
- ▼ Protect grouting until set from rain and frost.
- ▼ Joints around tile bays, interruptions and pipe outlets as well as perimeter and connection joints should be sealed with an elastic material such as Finem according to each application's merits.
- ▼ For initial cleaning of the grouted tiling, and for subsequent maintenance, only specific cleaning agents designed for fresh grout removal are recommended. After cleaning, the surface should be rinsed with clean water.
- ▼ Irregular effects of moisture due to the construction below, the mortar bed, differences in temperature or covering materials, can lead to colour discrepancies and variations. These do not affect the quality of the joint mortar and may regain a more even appearance over time, as ambient conditions stabilise but we do not guarantee against differences in shade so caused.
- ▼ In case of high mechanical wear such as cleaning machines or chemical loads, we recommend the 2-component, high wear-resistance epoxy resin joint Validus Resino.
- ▼ Protect any surfaces not suitable for grouting against contact with Validus Aspecto. This includes delicate metal finishes and alkaline-sensitive materials.
- ▼ Follow instructions in the material safety datasheet for safe handling and use.





#### **TOOL CLEANING:**

Tiling and tools should be cleaned with damp sponge or cloth while the adhesive is still fresh. Hardened product can be cleaned by mechanical abrasion.

#### **STORAGE:**

The product must be stored unopened and sealed, in its original packaging in a cool, dry place. Opened bags must be closed, ideally with an airtight clip, and used as soon as possible.

#### **SHELF LIFE:**

Approximately 24 months. Expiry date: See Best Before date printed on the front of the packaging.

#### **PACKAGING:**

Validus Aspecto is packed and sold in 5kg bags. Bags are boxed for convenience 4 per carton.

#### **PLEASE NOTE:**

Validus Aspecto complies with the requirements of Reg. (CE) N. 1907/2006 (REACH) - All. XVII, 47.

Use of the product beyond the declared shelf life may increase the risk of an allergic reaction.

If you are unsure with any of our instructions, please consult our **Technical Department on 020 8778 9000.**

The information contained in this technical data sheet is given voluntarily and in good faith. It is to the best of our knowledge true and accurate; however it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or possibility of variations of working conditions and of workmanship outside our control.





### product technical specification

Classification	EN 13888 CG2WA
Basis	Cement, mineral aggregates, new generation of additives and pigments
Colour	See Table
Apparent Mass Volume	1.20 kg/dm <sup>3</sup>
Maximum Grain Size	0.2mm
Danger of Toxicity	No. Possible irritation of the eyes and skin upon contact due to presence of cement
Flammable	No
Mixture Ratio	25% of water equivalent to 1.2-1.3 litres of water for 5 kg bag
Mixing Time	2-3 minutes (Mixer Speed 300 - 500 r/min)
Consistency of Paste	Creamy mortar
Mass Volume of Paste	1.90 kg/dm <sup>3</sup>
Pot Life	30 minutes at + 23°C
Application Temperature	From + 5°C to + 35°
Joint Size	From 1 mm to 6 mm
Light Foot Traffic	After 24 Hours
Full Service After	3 Days
Final Hardening	14 Days
Resistance To Humidity	Excellent
Aging Process Resistance	Excellent
Temperature Resistance	From -30° C to +90° C



## product colour chart

Colour	RAL Code	Stock Code
Pure White	9010	7750
Telegrey	7047	7751
Light Grey	7035	7752
Traffic Grey	7042	7753
Pebble Grey	7032	7754
Stone Grey	7030	7755
Dusty Grey	7037	7756
Signal Black	9004	7757
Oyster White	1013	7758
Cream	9001	7759
Light Ivory	1015	7760
Ivory	1014	7761
Sand Yellow	1002	7762
Brown Beige	1011	7763
Beige	1001	7764
Fawn Brown	8007	7765
Nut Brown	8011	7766
Chocolate Brown	8017	7767
Lemon Yellow	1012	7768
Pastel Green	6019	7769
Traffic Green	6024	7770
Signal White	9003	7771
Light Blue	5012	7772
Cobalt Blue	5013	7773
Antique Pink	3014	7774
Pearl Pink	3033	7775



## product health and safety information

**CLP REGULATION (EC) NO 1272/2008:**

**DANGER**



### HAZARD STATEMENTS:

Eye Dam. 1: H318 - Causes serious eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

STOT SE 3: H335 - May cause respiratory irritation.

### PRECAUTIONARY STATEMENTS:

P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

### SUPPLEMENTARY INFORMATION:

EUH212: Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

Substances that contribute to the classification: Cement, portland, chemicals; octhilonone (ISO)

Technical Data Sheet Version Number: VA.AO.T01

The information contained in this technical data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.