AXILAT™ UP 465S

Sell Sheet



High Performance Redispersible Powder for Flexible Ceramic Tile Adhesive

Builders and contractors worldwide need to guarantee that the tiles they install in new construction or renovation projects will endure over time. The installation needs to withstand the impact of building movements, both to minimise the cost of future repairs and to meet client expectations for quality workmanship.

To meet this demand, we are introducing **AXILAT™ UP 465S**, a Redispersible Powder based on a core-shell acrylic terpolymer that is specifically designed for premium applications. It gives CTA the flexibility to accommodate substrate's expansion and contraction without shifting. Meanwhile, its market leading alkali resistance ensures robust saponification and water resistance, making it ideal for use in bathrooms where condensation occurs. As with the rest of the AXILAT™ RDP range, adhesion performances remain at the highest level.

Last but not least, **AXILAT™ UP 465S** is free of organic solvents, plasticizers and film-forming agents, allowing the development of CTA formulations that meet EC1+ requirements.



Applications

- Ceramic Tile Adhesives:
  - C2 TE S1
  - C2 E S2

Features

- High resistance to alkalinity
- Excellent dry, wet and heat adhesion
- Extended open time
- Free of organic solvents, plasticizers and film-forming agents
- Allows EC1+ certified formulation

Properties	AXILAT™ UP 465S
Morphology	Core-Shell
Chemistry	VA / VV / Acrylic
Tg	-33 °C / +29 °C
Ash Content	12 %
Particle Size	110 µm

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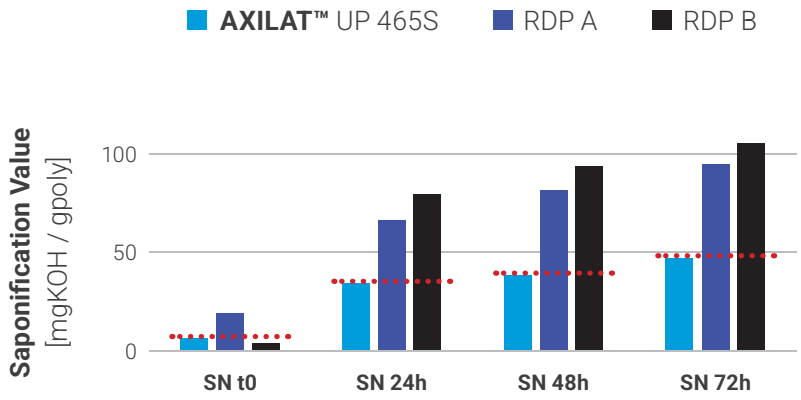
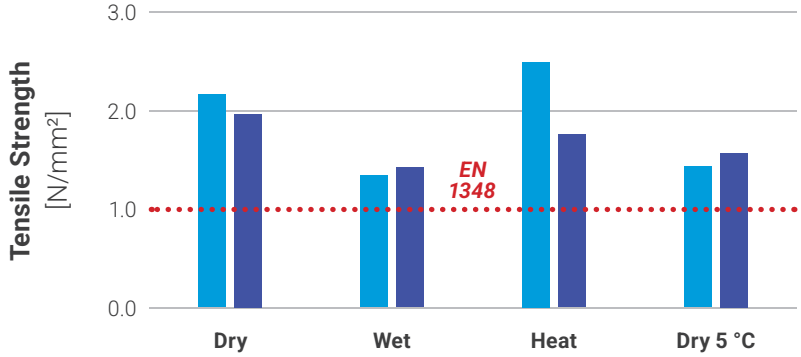
Performance comparison

Alkali Resistance



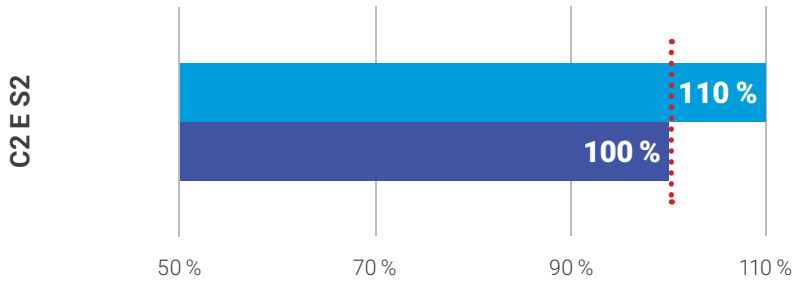
AXILAT™ UP 465S delivers significantly greater alkali resistance than currently available RDPs, enabling lower-emission formulations and enhanced water resistance.

Adhesion (C2 TE S1)



AXILAT™ UP 465S shows excellent adhesion performances in C2 TE S1 mortars, including at low temperature.

Transverse Deformation (C2 E S2)



AXILAT™ UP 465S transverse deformation in C2 E S2 formulation outperforms the market leading RDP for flexible Ceramic Tile Adhesives.

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