



AG 15

DATA SHEET

Synthetic resin emulsion for cement-based products



Interior/Exterior



Plastic containers



Interior/exterior flooring



Composition

AG 15 is a particular emulsion of synthetic resins developed especially for the building industry. It is highly compatible with inorganic binders such as cement and lime.

Supply

- Containers of approx. 20 kg and approx. 5 kg

Use

AG 15 is used for different purposes:

- as a substrate insulator, primer or stabiliser before applying mineral wall coatings (RF 100, RM 200, RB 101, RB 201 and RB 301), and lime finish coat plasters and renders (FINITURA 750, S 605 and FINITURA IDROFUGATA 756);
- in combination with cement base coat plasters and renders (such as KC 1, KS 9, KI 7, KR 100) if needing to improve properties such as elasticity and adhesion. It is used especially for patched repairs of plastered surfaces and for direct application of plaster and render on smooth concrete surfaces;
- for creating bonding layers (undercoat) on smooth concrete surfaces;
- for making cement grout slurries when pouring fresh concrete on old concrete and for bonded floor screeds.

Mixing

Use as an insulating primer

For use as a substrate primer or stabiliser before applying wall coatings or finish coat plasters and renders, AG 15 must be diluted with 8-10 parts of water and then applied by brush or roller on an absorbent substrate. The wall coating or finish coat plaster/render is then applied 1 day after treating the substrate with AG 15.

Use in combination with cement base coat plasters/renders

The floor surface must be free from dust, grease, oil and wax etc. Add three parts of water to one part of AG 15 and mix until obtaining a completely uniform mixture. Mix the base coat plaster/render with the mixture of water and AG 15 and apply it to the masonry or concrete surfaces.



Used for creating bonding layers on smooth concrete surfaces

The floor surface must be free from dust, grease, oil and wax etc. Add three parts of water to one part of AG 15 and mix until obtaining a completely uniform mixture. Prepare a mixture of sand and cement in a ratio of 1:2 or 1:3. Mix with the mixture of water and AG 15 until obtaining the desired consistency. Add the prepared mix to the concrete surfaces as a rough undercoat.

Use for construction joints and bonded floor screeds

Remove any traces of dust, oil, grease, wax, etc. from the surface being treated. Add three parts of water to one part of AG 15. Blend the cement with this mixture until you obtain a liquid and uniform grout. Then apply the mix onto the surface to be treated. For both bonded floor screeds and recasting, pour the subsequent layers of concrete before the previous layers have set, so as to ensure excellent adhesion.

Warnings

- Product for professional use.
- Always consult the safety data sheet before use.
- Apply at temperatures between +5°C and +35°C
- The use of AG 15 in combination with base coat plasters and renders is suitable for specific site conditions and on specific substrates. Given the variety of situations encountered, contact our Technical Service where necessary.
- As an alternative to the preparation of bonding layers on smooth concrete with AG 15, where possible, use specific premixed undercoats such as SP 22, featuring controlled final performance.
- For structural recasting, it is recommended to use the specific epoxy resin FASSA EPOXY 300 as an alternative to mixing the grout with AG 15.

Storage

Protect from frost. If stored in a suitable environment, in its original packaging, the material has a shelf life of 12 months. Once the product has expired, it must be disposed of in accordance with current legislation.

Quality

AG 15 is subjected to accurate and constant checks in our laboratories. The raw materials used are rigorously selected and controlled.

Technical Data

Appearance	white liquid
Specific weight	approx. 1 kg/l
Yield	as insulator and primer approx. 0.1 kg/m ²
	as an adhesion promoter: approx. 5% of the weight of the plaster
Solid content	approx. 50%
Compliant with Italian leg. decree no.161 of 27/03/2006 (implementation of EU Directive 2004/42/EC)	

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.technica@fassabortolo.com, ES: asistencia.technica@fassabortolo.com, PT: assistencia.technica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.