



la marque
du bâtiment

ACCRO RETARD

Concentrated bonding resin with delayed drying

Code 404- Ed-01/04/2014
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1. PRESENTATION

ACCRO RETARD is a concentrated emulsion of acrylic resins selected for their high adhesive capacity. Several areas of application depending on the dilution performed, from primer before coating to alteration of cements to make them more flexible and to provide a better bonding on difficult substrates. Unlike other adhesion primers, its very long drying time allows concrete pouring to restart several days after applying **ACCRO RETARD**.

2. ADVANTAGES

- Bluish hue to help visualise the application.
- Very flexible resin, remains flexible down to -40°C once the film is polymerised.
- Prevents bubbling and shading.
- Regulates porosity.
- Improves the adhesion of floor surfacing mortars and coatings.
- Improves the waterproofing of treated substrates.
- Permeable to water vapour, depending on the dilution.
- Very versatile product.
- Effective on stable hairline cracks up to 1 mm
- Can be coated over with screeds, adhesive mortars and coatings.
- Solvent-free, non-toxic.
- Dries upon contact with elements tacked on.
- Avoids the need to install screening, and stabbing in some cases.
- Compatible with non-hydraulic lime and hydraulic binders.

3. AREAS OF APPLICATION

- All common building substrates (concrete, cellular concrete, brick, concrete block, plaster and plasterboard, wood, stone, paint...).
- Mixing or primer.
- Indoors and outdoors for the adhesion of concrete and mortar.

ACCRO RETARD is mainly used:

- To regulate substrates prior to coating.
- Primer for the bonding of thin screed and coatings.
 - On liquid screed (anhydrite).
 - On heated floors (not electric).
 - On smooth finished concrete (after removal of rocks using **DECAP CIM SF**) for the bonding of coating.
 - On painted façade (matting required if glossy)
- Bonding between old concrete and fresh concrete.
- Surfacing and various repairs, broken edges and corners, worn coatings.
- Bonding mortar before coating application (enhancing adhesion).
 - On smooth finished concrete.
 - On painted façade (ensure the paint has good adhesion).
 - On wood (beware of the substrate's flexibility).
 - On expanded polystyrene formwork blocks.
- Mortar for filling joints not subjected to movements, such as joints located between elements made of concrete and other.
- Application of adhesive mortar on tiling, wood floor.
- Application of flexible adhesive for laying (tiling, faience tiles indoors and outdoors).
- Roofing finishes (fillets, edges, ridges, etc.).

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Low pressure spray application



Roller application



Execution of anhydrite screed over primer

4. INSTRUCTIONS

Substrate preparation:

Substrates must be sound, clean, free of moss, lichen, oil and grease.

Preparatory work:

- Remove Laitances using **DECAP CIM SF**.
- Algae, moss, lichen using **NETT SUPPORT** or **MOUSSTOP 4 PLUS** or **15 PLUS**.
- Traces of oil and grease using **NETT M**.
- Old coats of loose paint using **DECAP ALL**.
- Loose particles (scraping), dust (brushing).

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Metal parts will be isolated using an anti-rust primer **PAINT M ROUILLE** or **PAINT M COVER**.

Traces of saltpetre using **DECAP CIM SF** or by brushing using a wire brush.

- Rinse with water.
- Cracks will be filled and repaired using **ACCRO FLEX NF** or **DORTHZ JOINT SOUPLE**.

Precautions

These recommendations cannot replace the appropriate determination of the nature and condition of the substrates to be implemented.

Use:

Always dilute with water. (Never use undiluted).

As a primer (mechanically agitate for a better homogeneity of the mixture).

For mixing (cement, coating, mortar), mix with water.

Can be used on a wet substrate in most cases.

Apply using a sprayer, brush, roller, or spray gun.

Rinse dirty equipment or substrates with water.

Ensure the primer is tacky before it is covered.

Protect treated surfaces from dust (*before coating over*).

**Priming smooth substrates, tiling, painted :
façade, etc.**

Dilute 1 L for 5 L of water 4 to 6 m²/L of solution

Priming porous substrates

Dilute 1 L for 6 to 8 L of water 3 to 6 m²/L of solution

Note: Always moisten the substrate before application.

Primer for execution of anhydrite screed

Dilute 1 L for 3 L of water 4 to 6 m²/L of solution

Note: Apply on dry substrate.

Do not moisten the substrate.

Leave to dry at least 2 hours.

*Keep the surface covered with **ACCRO RETARD** away from dust.*

Additive in powder adhesives for tiling

Add 0.10 to 1 kg for 25 kg of powder adhesive

Enhancement of C1 adhesives by addition of 0.5 kg, and 0.5 kg to 1 kg for C2 adhesives

Note: Do not add to C2S adhesives.

Adhesive mortar for tiling

0.5 kg to 2 kg for 35 kg of cement

Add 14 to 17 L of water for a bag of cement of 35 kg

Grout

Add 0.20 to 0.40 kg for 35 kg of cement

Add 14 to 17 L of water for a bag of cement of 35 kg

Mixing with ready to use coatings

0.3 kg to 0.6 kg for 6 bags of 25 kg depending on the work to be executed

Pre-test using light coloured coatings as it may slightly alter the hue

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Application:

Application temperature	: Between +5°C and +30°C
Waiting time before applying coating agents	Minimum 2 hours Maximum 7 days (protect the surface from dust)
Application equipment	: Brush, roller, sprayer, spray gun
Cleaning of the equipment	: Water (do not allow to dry) DECAP ALL after drying
Thinner	: Water

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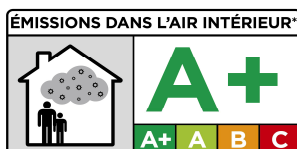


5. CHARACTERISTICS

Appearance in container	: Thick bluish liquid
Density	: $1.03 \pm 0.05 \text{ g.cm}^{-3}$
pH	: 7.00 +/-1.00
Active ingredients	: 60 % +/-3.00
Yield	: See application table

VOC

(French decree no.
2011-321 of
23/03/2011)



*Information on the emission level of volatile substances in indoor air that present a risk of toxicity through inhalation, on a scale ranging from A+ (very low emissions) to C (high emissions)

Shelf life	: 1 year in its unopened original packaging
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(For more information, please refer to paragraph 9 of the safety data sheet).

Caution: Do not use as primer before painting, nor as final coating on slabs or screeds.

6. SAFETY OF USE

- See the product's Safety Data Sheet at www.quickfds.fr.
- Store away from frost.

The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.

Product solely intended for professional use.

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