

# ARACO LATEX

## SBR Bonding Agent and Waterproofing Additive

### Product Description

**ARACO LATEX** is a one component styrene butadiene rubber copolymer latex agent. This special formulation is designed to improve the physical properties of cement mixes and slurries.

**ARACO LATEX** is suitable for internal and external application.

### Uses

**ARACO LATEX** is used

- To produce various traditional cementitious adhesive, mortar, plaster, render and tile adhesive
- To produce a mechanical key prior to rendering various plaster mixes or concrete, bricks, and blocks.
- Bonding of new concrete to old concrete when used as a slurry coat

### Advantages

- Improves adhesion of the cement mixes
- Improved elasticity
- Reduce shrinkage
- Non Toxic
- Chemical resistant
- Excellent water resistant
- Good freeze and thaw resistant
- Chloride free

### Characteristics

Appearance	White Liquid
Density	1.03
Chloride Content	Nil
PH	8 ± 1
VOC	0.1 g/l
Storage Condition	Store in a dry shaded area at temperature between 5°C and 35°C.
Shelf life	Original Sealed container has a shelf life of 6 months if stored in the right conditions



### ARACO LATEX

**PACKAGE** 1, 5, 20 and 200 kg drums.  
1000 lit flow bins

**DOSAGE** 2 to 8% by cement weight

### Surface Preparation

The surfaces should be clean, sound and uncontaminated. Laitance should be removed using a stiff-bristled nylon brush. Surfaces may be damped but not wet with running water or condensation.

Steel reinforcement should be thoroughly prepared by mechanical cleaning to remove all traces of rust. Corroded rebar steel should be cleaned and washed with clean water after mechanical cleaning. For priming of reinforcing steel use **ARACO TOP RS**.

### Mixing

For general uses, **ARACO LATEX** should be added and mixed with clean water. The mix is then added to the dry materials. The mixing should be done using an electric drill with low rotation speed (300 rpm) for a maximum period of 5 min.

In order to obtain a good consistency:

When **ARACO LATEX** is used in mortar mixes (adhesives, repair, etc...), it is recommended to add it with a dosage of 2 to 8% of cement weight. When **ARACO LATEX** is used in plastering mortar, it is recommended to add it with a dosage of 2 to 4% of cement weight.

When **ARACO LATEX** is used in bonding slurries, it is recommended to add 1/1 by volume ratio for slurry prime substrate.

**ARACO FOR ADMIXTURES & CONSTRUCTION MATERIALS S.a.l.**

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### ARACO LATEX PERFORMANCE

Typical Mortar Mix		MIX A	MIX B
Component By Volume	Cement	3	3
	Sand	6	6
	Water	2	1
	ARACO LATEX	0	1
Flexural Strength @ 7 days		7 Mpa	12 Mpa
Compressive Strength @28 days		50 Mpa	65 Mpa
Pull off test @ 28 days		0.7 Mpa	4.5 Mpa

### Application

As a bonding agent in mortar mixes, it is recommended to choose the suitable practice based on the required purpose.

As a bonding agent slurry, a stiff brush is used to apply a thick coat of the cement slurry to presoaked surfaces. The subsequent layer must be applied while the bond coat is still wet.

### Safety instructions

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane, flush immediately with plenty of warm water and seek medical attention without delay.

### Legal notes

The information, recommendations and application - based on ARACO current knowledge and experience of the products when properly stored, handled and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and are sold subject to its standard conditions. Users should always refer to the most recent Technical Data Sheet for the product concerned, copies of which will be supplied on request.