

# Crocodile Latex Admixture



**CROCODILE**  
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## Concrete Bonding Agent

Crocodile Latex is a water-based Carboxylate styrene-butadiene copolymer that contain air-entraining agent, which is suitable for concrete mixing applications including plastering, repairing work, bonding concrete surface and can be used as a primer for cement and gypsum work

### Product Features

- Improve adhesive performance and pressure bearing
- Increase durability
- Lower chance of cracking defects
- Less Carbonation reaction on concrete surface

### Application

Use as a bonding agent for concrete pouring work. Mixing with Portland or plastering cement and used as a primer for cement and gypsum-based applications

Standard : ASTM C307, ASTM C348

Color : White



## Application Instruction

### Substrate Preparation

- Create a rough texture on applying surface and clean thoroughly
- Spray water over the surface and let it dry for a damp surface

### Mixing ratio

For cement mixture

- Crocodile Latex 2 parts : water 1 part (by volume)

For plastering cement mixture

- Crocodile Latex 1 part : water 1 part (by volume)

For bonding application

- Crocodile Latex 1 part : Portland cement type I 1.5 parts (by volume)

For primer application

- Crocodile Latex 1 part : water 5 parts (by volume)

### Installation

For cement mixture to improve strength and bonding between old and new concrete surfaces

- Use Crocodile Latex 2 parts with 1 part of water by volume then mix the mixture with cement to replace water

For plastering cement mixture to improve bonding performance, lowering chance of cracking defects, hairline-crack and structural repair

- Use Crocodile Latex 1 part with 1 part of water by volume then mix the mixture with plastering cement for desired mixing ratio and workability (recommending 2 parts of mixed cement with 3 parts of sand by volume for 3-5 mm plastering)

For bonding application with plastering work over glass, ceramic tile, steel, or waterproof concrete surface

- Use Crocodile Latex 1 part with 1.5 parts of Portland cement type I by volume, mixing thoroughly then apply the mixture with brush. Then, plaster the surface when the mixture is still wet

For priming application on high water absorption wall or concrete to reduce cracking for plastering work

- Use Crocodile Latex 1 part with 5 parts of water by volume then applying the mixture on the surface before plastering work, can be applied in both wet or dry primer condition

For normal priming application

- Use Crocodile Latex 1 part with 1 part of water and 1-2 parts of Portland cement type I by volume, thoroughly mix. Then, apply the mixture with brush before plastering, pouring, or leveling when the mixture is still wet

### Usage Ratio

For Cement Mixing

Crocodile Latex 1 liter per 5 kg of cement

For Priming

Crocodile Latex 1 liter per 3 sq.m

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## Technical Data

Test Method	Standard	Evaluation
Flexural Strength 28 days	ASTM C348	6 Mpa
Tensile Strength 28 days	ASTM C307	3 Mpa

Remark : 1 Mpa = 1 N/mm<sup>2</sup> ≈ 10.2 ksc = 145 psi

### Caution

- The product may cause skin irritation. Using rubber gloves, dust masks, eye protection, and other safety equipment is recommended.
- If in contact with eyes, rinse immediately and repeatedly with water, and then consult doctor immediately
- If in contact with face or skin, clean with water and soap
- Keep away from children

### Storage

It should be kept in a dry place and the temperature is not too high to avoid product's degradation. Use within 1 year from the date of manufacturing

### Packing

Net weight : 20 liter/bucket  
3.75 liter/bottle  
1 liter/bottle

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U.S.A. Standard from the Crocodile Family