



# Admix 150 Latex

**AMTECO ADMIX 150 LATEX** is an one component, acrylic based liquid resin, mix with normal portland cement or white cement, used as flexible adhesive patching mortar. The mortar is combined and solidified to improve the waterproofing and durability of the cement mortar can protect concrete from moisture and avoid corrosion of reinforcement and aging of the cement, enhance the adhesive strength for the waterproof material.

**AMTECO ADMIX 150 LATEX** 是一种单组分丙烯酸基液体树脂，与洋灰水泥或白水泥混合，用作柔性粘合剂修补砂浆。可渗入水泥砂浆结合并结实的接著，提高水泥砂浆之防水性，耐久性。同时保护混凝土不被水份侵入而造成钢筋腐蚀或水泥老化，并可提高防水之接著力。

**AMTECO ADMIX 150 LATEX** adalah satu komponen, resin cecair berasaskan akrilik, campur dengan simen portland biasa atau simen putih, digunakan sebagai pekat fleksibel menampal mortar. Mortar digabungkan dan diperkukuh untuk memperbaiki keadaan kalis air dan tahan lama mortar simen boleh melindungi konkrit dari kelembapan dan elakkan kakisan pengukuhan dan penuaan simen, untuk kekuatan pekat bahan kalis air.

## Uses

**AMTECO ADMIX 150 LATEX** can only apply to sound, clean, dry, well prepared, frost-free surfaces. After mixing with cement, it may be used:

- As a base coat for AMTECO Thermal Insulation System to embed fiberglass reinforcing mesh onto the insulation board.
- As a flexible adhesive for tiling, glazing.
- As a flexible patching mortar.

## Application

A bonding agent for ceramic tile in swimming pool, on exterior or interior concrete surface. Water repellent in cement and sand mixtures. A cement modified admixture for increase mechanical strength properties. A slurry boarding coat before patch or over lags on concrete surfaces.

## Limitations

- Minimum ambient and substrate temperature is 5°C during application and drying period.
- Do not apply on weather exposed horizon areas or where immersion in water may occur.
- Do not apply as a finish coating.
- Do not apply direct over wood surfaces.

## Advantage

- Easy to use, only mix with cement on the job site.
- Excellent adhesion and durability.
- Crack resistance.
- Good impact strength.
- Vapor permeable.
- Good flexural strength.
- Freeze-thaw resistance.
- Low alkalinity.

## Mixing

**AMTECO ADMIX 150 LATEX** should be mixed thoroughly with normal portland cement, white cement or adhesive cement by using a low speed electrical or pneumatic power stirrer. Mixing time is minimum 3-4 minutes until a homogeneous mix is achieved.

## Mixing Ratio

**AMTECO ADMIX 150 LATEX** : 1      Cement : 1  
Adjust mix if necessary by adding a small amount of clean water to achieve the desire textured finish. Avoid re-tempering after mixing of product.

## Insulation System

Apply with spray equipment or apply manually with a stainless steel trowel to an approximate thickness 3mm onto the insulation board. Work horizontally or vertically in strips of 1m and immediately embed fiberglass reinforcing mesh in the wet **AMTECO**

**ADMIX 150 LATEX** by toweling from the center to the edges of the mesh. Each strip of mesh should overlap a minimum of 10mm. Avoid wrinkles in the mesh and smooth the base coat to eliminate trowel marks. Minimum recommended thickness of the reinforced base coat is 1.5mm when dry. Reapply addition base coat to completely cover, the mesh as soon as the first coat is dry.

## Instruction For Use

### Surface Preparation

All the substrate must be clean, free from grease, oil, laitance, and remove all the dirt and contaminants, which might affect adhesion. The impurity outside the structure body should be cleaned thoroughly. It is recommended to give substrate a rough or light-broom finish for better bonding strength.

### Insulation board

Insulation board must be well protected, clean, dry and free of all bond-inhibiting materials and rasped if necessary before installation.

### Safety

Impervious gloves and barrier cream should be used when handling these products. Eye protection should be worn. In case of contact with eye, wash thoroughly with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs. It must be removed before curing takes place. Wash off with an industrial skin clearer followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using those products.

### Fire

**AMTECO ADMIX 150 LATEX** is water based and non-flammable.

### Cleaning and Disposal

Spillage of **AMTECO ADMIX 150 LATEX** should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantities of water. The disposal of accordance with local legislation under the guidance of the local waste regulation authority.

## Packing

4 litre/jar  
20 litre/pail

## TECHNICAL DATA

Appearance	Milky white liquid
Working time (at 25°C)	40 minutes
Drying time (at 25°C)	6 hours
Curing time (at 25°C)	24 hours
Bond Strength on concrete (7days)	10kgf/cm <sup>2</sup>
Bond strength on polystyrene board (pull-out-strength)	2kgf/cm <sup>2</sup> Failure in polystyrene Board
Specification	Total Solids : 27 +/- 1%
	pH : 8.0 - 10.0.
	Viscosity : <100 cps
	S.G. : App. 1.00
Consumption (exclusive of cement)	2kgf/m <sup>2</sup>
Shelf life	12 months when unopened in original packing and stored in a dry cool place.
Note : Consumption may vary depending on surface conditions and application technique.	