

**TECHNICAL DATA SHEET**  
**ACRYLIC SERIES + CONCRETE**  
**REPAIR COATING**  
**PE700208 (PART A)**  
**PE700209 (PART B)**

**DESCRIPTION**

**Acrylic Series + Concrete Repair Coating** is a 100% acrylic resin mixture with inorganic pigments, marble grit, quartz sand, silica aggregates, additives and high performance fungicides. Based on the desired application, mix **Part A of Acrylic Series + Concrete Repair Coating** with **Part B**. It can be used as adhesive, as surface and protection coating, concrete repair coating, or as base coating polystyrene foam with fiberglass mesh.

**TECHNICAL DATA**

Packaging	Part A	Part B
	26 kg	24 kg
<b>Recommended Thickness</b>	**The quantity to apply will depend on the surface, texture and porosity of the substrate.	
Trowel (thickness 2 mm)	26 kg covers ± 12.5 m <sup>2</sup> (5 gal covers ± 135 ft <sup>2</sup> )	
Roll or gravity gun (2 layers of 0.75 L/m <sup>2</sup> based on MTQ standards)	26 kg covers ± 12 m <sup>2</sup> (5 gal covers ± 130 ft <sup>2</sup> )	
<b>Shelf Life</b>	Acrylic Series + Concrete Repair Coating must be stored at a temperature of 5°C (41°F) or above in tightly closed containers. Keep away from frost. Product lifetime is of 1 year.	
<b>Mix Ratio, by volume</b>	Please refer to the APPLICATION section below	
<b>Mix Ratio, by weight</b>	Please refer to the APPLICATION section below	
<b>Pot life</b>	1 year	
<b>PROPERTIES @ 21°C and 75% H.R</b>		
<b>Thinner Recommended</b>	Water	
<b>Drying time</b>	12 hours	

Acrylic Series + Concrete Repair Coating performances	
Test	Result
Water absorption 48 h *1 CCMC 5.3.6 ≥ 20%	14,70%
Waterproofing 2h *1 CCMC 5.3.5 ≥ 90% waterproof	Successful
Storage weight gain in 15% solution NaCl - MTQ 75% min	Successful
Weight loss in the storage cabinet at 23°C & 50% RH - MTQ 75% min	Successful
Quick Freeze-Thaw ASTM C 666 B Method after 141 cycles	Successful

\* Test performed in the Texnov laboratory in compliance with CCMC 716.1 regulations.

**SURFACE PREPARATION**

All surfaces that must be covered with **Acrylic Series + Concrete Repair Coating** should not be painted. They must be clean, dry, and form an adequate structure. They must be free of grease, oil and other products that may prevent good adhesion.

**MIXING**

Separate the content of a **Acrylic Series + Concrete Repair Coating Part A** pail into two equal parts. Thoroughly mix **Acrylic Series + Concrete Repair Coating** while gradually adding **Part B** with a motar mixer. (See table for applicable proportions based on the APPLICATION type). Let the mixture stand for 5 minutes. Do not add water, as this could make application of the product more difficult, and affect its performances. If necessary add **Acrylic Series + Concrete Repair Coating Part A** to adjust viscosity.



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**APPLICATION**

Apply the product early in the morning or in the shade. Avoid rain during application and drying. Temperature should be above 5°C (41°F) and remain so for 24 hours before and after product application.

**Note:** After mixing both parts of **Acrylic Series + Concrete Repair Coating** in desired proportions, application should be executed within approximately 45 minutes depending on the ambient temperature.

**Acrylic Series + Concrete Repair Coating** may be applied with a trowel or a gravity gun. Incorporate a fiberglass mesh for greater strength and flexibility.

**Acrylic Series + Concrete Repair Coating** coating drying time depends on the ambient air and relative humidity. Under normal drying conditions of 21°C (70°F) and 55% relative humidity, drying time is of 12 hours. After drying for 4 hours, if traces of trowels are visible, they can be sanded.

**Note:** As long as the application and curing of the finish coating and sealants has not been completed, protect the walls and structures against bad weather and other potential damage.

Application types	Part A	Part B
Surface coating or protection (Roll/Gravity gun)	1/2 pail	1 bag
Adhesive (trowel)	1/2 pail	2 bags

**CLEANING**

Clean tools with water while the **Acrylic Series + Concrete Repair Coating** mixture is still wet.

**MTQ REGULATION MTQ STANDARD 31101**

**Acrylic Series + Concrete Repair Coating** is part of the list of materials related to concrete tested by the pavement laboratory as Surface Coating Type 1 (cementitious) with the **MTQ 31101** standard of the Ministry of Transport of Quebec.

The product has passed laboratory evidence for effect of **MTQ** approval and has passed the **ASTM C 666 Fast Gel-Thaw** proof requirements to have an **INTACT** result after induction testing.

**TRANSPORT CONDITIONS**

Shipping Name: Not applicable.  
TDG Classification: Not regulated.

**Note:** This product requires no special measures during International transport.

**HEALTH AND SAFETY**

When using **Acrylic Series + Concrete Repair Coating**, it is recommended to wear the following safety equipment:

- Safety goggles or protective glasses
- Chemical resistant gloves
- Long sleeves and/or rubber based protective clothing
- Wear a dust mask