



Distributions Fillion Marquis International Itée
 925 Rue Gaudette, Saint-Jean-sur-Richelieu (Québec) J3B 7S7
 Tel : 450 349-2226 • Fax : 450 349-1799 • Toll Free : 1 877 989-2226
passeportelite.com

TECHNICAL DATA SHEET
PASSEPORT ELITE INDUSTRIAL
EPOXY-BASED CRACK FILLER
SUPER FAST-CURE
PE700913

DESCRIPTION

The **Passeport Elite Industrial Epoxy-based Crack Filler Super Fast-Cure** is a high-performance, two-component, sag-resistant structural epoxy system engineered for the repair of vertical and horizontal cracks. It delivers exceptional adhesion to concrete, masonry, wood, metal, and various plastics, ensuring durable, long-term structural restoration. The system is CFIA-compliant, making it suitable for use in regulated environments such as food-processing facilities.

PRIMARY APPLICATION

- Industrial facilities
- Commercial spaces
- Institutional buildings

ADVANTAGES

- Low odor, solvent-free, low VOCs
- 100% Solid
- Superior mechanical resistance
- Waterproof
- Maybe applied in several layers
- Maybe applied vertically
- Applies to many different surface materials

TECHNICAL DATA

Packaging litres / gal us	3L (0.750 gal.)		
Color	Part A	Part B	
	Creamy white	Creamy beige	
Mileage per gallon	Varies according to application		
Mix Ratio, by volume	A : B = 2 : 1 (100:50)		
Mix Ratio, by weight	A: B = 100 : 46		
Gel Time (100 g @ 25°C)	10 - 15 minutes		
Solids Content	100% by weight and volume		
Thinner Recommended	Xylene		
Shelf Life	12 months (unopened, away from extremes)		
Specific Gravity	Part A	Part B	
	1.21	1.12	
Viscosity @ 25°C	Part A	Part B	Mix
	95000-110000	95000-110000	95000-110000

Physical Properties @ 23°C (73°F), 50% R.H.

Bond Strength (ASTM D4541)	>300 psi (substrate rupture)
Water Absorption (ASTM D570)	0,30%
Tensile Strength (ASTM D638)	6500-7500 psi
Compressive Strength (psi) (ASTM D695)	13000 – 15000 psi



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Elongation %, ASTM D638	3% - 4%
VOC(g/L)	> 40

Recoat Window	Substrate Temperature	Minimum	Maximum
	10 °C / 50°F	36 hours	2 days
	20 °C / 68°F	2 hours	24 hours
	30 °C / 86°F	1 hours	24 hours

Curing details			
Substrate Temperature	Foot Traffic	Light Traffic	Full Cure
10 °C / 50°F	2 days	5 days	10 days
20 °C / 68°F	1 day	2 days	7 days
30 °C / 86°F	12 hours	24 hours	5 days

SURFACE PREPARATION

Old Concrete

Concrete surface must be cleaned and mechanically prepared using shotblasting, sand blasting, and/ or diamond grinding. All oils, sealers, curing agents, waxes and fats must be removed prior to product application. Do not apply onto wet substrates. Chloride, moisture, and pH levels should be checked prior to application.

New Concrete

New concrete should be allowed to cure for a minimum of 30 days. Compression resistance of concrete must be at least 25 MPa (3625 lbs./inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs./inch²). Shotblasting, sand blasting, and/or diamond grinding is required to remove the surface laitance that appears during the concrete finishing and curing process. A primer should be used to reduce out-gassing and promote adhesion.

MIXING

Materials should always be kept at a minimum temperature of 15°C (59°F) prior to use. Pour component B into component A using the proper mixing ratio of 2A:1B by volume. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life of mixture.

APPLICATION

Apply mixed product on the prepared surface using a trowel of a putty knife.

CLEANING

Clean all tools and materials with the cleaner/thinner for epoxies. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.



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RESTRICTIONS

- Minimum/Maximum temperature of substrate: 15°C / 30°C (59°F / 86°F).
- Maximum relative humidity during application and curing: 85%.
- Substrate temperature must be 15°C (59°F).
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24-hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult a physician. For respiratory irritations, move affected person outdoors to fresh air. Remove contaminated clothes and wash before reuse.

Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke irritation. Avoid eye contact. Contact with product may cause severe burns. Avoid breathing vapors released from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Always work in a properly ventilated area.

Consult the material safety data sheet for further information.

IMPORTANT NOTICE

All statements, recommendations and technical information contained in this document are accurate to the best knowledge of Passeport Elite. The data relates only to the specific material designated herein. It may not be valid if used in combination with any other materials. It is the users' responsibility to verify suitability of this information for their own particular use, and to test this product before use. Passeport Elite assumes no legal responsibility for use upon these data. Passeport Elite assumes no legal responsibility for any direct, indirect, consequential, economic, or any other damage except to replace the product or refund the purchase price as set out in the purchase agreement.