

Product code:

577-234: part A

577-235: part B

Product Description: Two-component (Part A + Part B), solvent free, elastomeric coat, based on epoxy polyurethane resins.

Product Features:

Highly elastic.

High resistance to water, alkali environment, and random contact with diluted acids.

Recommended uses:

Designed as a sealer for vertical and horizontal cracks and for filling concrete seams.

Technical Data:**Color:** White**Gloss:** Semi - Gloss**Solid content by volume:** 100%**Recommended dry film thickness:** As required**Theoretical coverage *:** 2.7-6.5 sqm. /liter**Recommended thinner:** No need to thin**Mixing ratio by volume:** Part A:Part B = 2:1**Shelf life**:** 6 months**Drying times**:**

		25°C
Touch Dry		30 min
Final cure		1 week
Minimum overcoat interval	between primer and top coat	2 hours
	Between top coat layers	No limit

Pot life: 4 hours**Surface preparation and system recommendation:**

Open the crack and level it. Crack area shall be dry, clean, free of any loose particles. It is recommended to use a vacuum cleaner to remove dust. Apply a primer coat of EPICATALAC CLEAR (see technical sheet) and allow it to dry for 2 hours before applying AFRAGUM TIX 30.

Product Properties:

a. Mechanical properties after curing at 20°C:

Hardness	70 units Shore A.
Elongation	250%
Module at 100%	15.1 kg/sq.cm
Breaking load	24.5 kg/sq.cm
Adhesion to concrete	Over 35 kg/sq.cm (adhesion tested using an Alco meter).

b. Resistance to Chemicals:

Immersion in water for 3 months	Normal
Immersion in water at 50°C for one month	Normal
Immersion in an NaOH 10% solution for one month	Normal
Immersion in an NaOH 10% solution for 3 month	Normal
Immersion HCl 10% solution for one month	Normal
Immersion HCl 10% solution for 3 month	Normal
Absorption in water for one month	0.4%

Application:

Flat trowel – ready for application.

*** Before application mix Part A and Part B separately and bring to uniformity. Do not leave sediment at the bottom of the packaging. Pour Part B in to Part A slowly and stir to uniformity with air mixer only for at least 1 minute until full uniformity.**

1. Part B is an Amino material containing coal tar. Therefore, protect eyes and skin during application. Use gloves, coveralls and masks.
2. Wash hands thoroughly with soap and water after application.

Thinner for Cleanup:

Thinner 4-100

Notes regarding painting:

Ensure appropriate ventilation conditions. Application shall be done in a temperature of above 5⁰ C. Maximum metal temperature 35⁰C. Maximum product temperature before spraying: 30⁰C. Maximum permissible humidity up to 85%. Do not apply at temperatures lower than 3⁰C above dew point.

Cautions:

Any work that includes application and use of this product shall be performed according to the applicable Safety, Health and Environmental regulations. Read the safety precautions and the warnings specified in the Safety Data Sheet, available at Tambour Safety Department and indicated on the product's label.

Keep away from fire and sparks. Non-edible. Provide adequate ventilation of the work space. Use appropriate protective means, as indicated in the Safety Data Sheet.

Do not inhale fumes when spraying this product.

Never mix this material with others when not specifically recommended by Tambour.

General notes:

Data presented here is based on our best knowledge and experience. Tambour reserves the right to update and/or alter it without prior notice. Achievement of the best desired results is subject to proper application in strict conformance to our instructions and safety measures. Before application, the user should verify that the product is indeed designed for the intended usage and that the surfaces to be painted are properly prepared, and are suitable for the product's application.

* Practical coverage can vary, depending on the surface, the application mode, the painter's skill and weather conditions at the site. Assume approximately 75% of the calculated spreading rate.

** At 25°C and 65% relative humidity.