

TexNov



ELASTIC CRACK FILLER

For asphalt cracks

TexNov Elastic crack filler is a black coating designed especially to fill cracks in asphalt prior to the application of **Pave-Tex** asphalt coating. It is elastomeric and enables movement in the filled cracks without rupture or cracks even in low temperature.

TexNov Elastic crack filler protects the asphalt surface against deterioration by water infiltration through the cracks. The coating is breathable due to its water vapour permeability.

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Acrylic Coatings
Manufacturer

ELASTIC CRACK FILLER

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1- Product description

Elastic crack filler is a black coating designed especially to fill cracks in asphalt prior to the application of Pave-Tex asphalt coating. **Elastic crack filler** is formulated with 100% an acrylic polymer that possesses a superior adhesion on asphalt. As its name indicate **Elastic crack filler** is elastomeric and enables movement in the filled cracks without rupture or cracks even in low temperature. **Elastic crack filler** protects the asphalt surface against deterioration by water infiltration through the cracks. The coating is breathable due to its water vapour permeability. Application is done using a trowel enabling the deep filling of the crack and a feathering of the edges.

2- Utilisation

Elastic crack filler is recommended for filling cracks in asphalt before application of Pave-Tex asphalt coating. The product is formulated for cracks up to ¾ inch (19 mm) wide and deep. Deeper cracks must be filled with sand before. It allows the protection of asphalt with alligator cracks (or spider web cracks) and to level small depression in the asphalt (up to 1 inch). Do not use to level pot holes and craters of several inches deep.

3- Coverage

One 7 L pail of **Elastic crack filler** fills about 65 linear feet (20 m) of cracks at ¾ inch wide and deep. Coverage will vary depending on the dimension of the cracks.

4- Mixing

Elastic crack filler is ready to use without mixing. If a small separation is visible on the top of the product, mix before use.

5- Installation

Elastic crack filler must be applied away from direct sun and rain. The outside temperature must be between 10°C (41°F) and 30°C (86°F) and must remain that way for 48 hours. For hot days, apply the coating early in the morning while asphalt is still cold.

Temporary protection:

At all times during the application and 24 hours following the application the asphalt must be protected against cold weather, rain and other potential damaging weather.

Surface preparation:

The surface must be clean, dry, of good quality, free from crust, grease, oil and scaling. Weeds and vegetation in the asphalt must be removed. Craters or pot holes in the asphalt must be repaired and aged 15 days minimum before application. New asphalt surfaces must be aged 6 months minimum prior to application of **Elastic crack filler**. No traces or remains of asphalt sealer containing coal-tar or bitumen must be on the surface or in the cracks.

Clean the whole surface using a pressure washer. After, clean up the cracks with a broom or compressed air to empty the cracks as much as possible. Once the cracks in the asphalt are all dry and clean, fill the cracks and voids with **Elastic crack filler**.

Cracks up to ¾ inch wide and deep can be filled directly. For reparation of cracks beyond 1 inch deep fill the crack with sand up to ¾ inch under the asphalt surface prior to trowelling the **Elastic crack filler**. If the product is applied in a crack too deep it will withdraw and a second coat will be required. Let the **Elastic crack filler** dry 18 hours minimum before coating with Pave-Tex.

The **Elastic crack filler** is applied using a trowel or a putty knife. During the application, put pressure on the product to penetrate deep and fill the whole crack. Start at one end of the crack and end at the other in a linear fashion, to fill the crack without air voids. Level the surface of the product and feather the edges. Avoid surplus that are above the asphalt surface level.

Drying and cure:

Drying time of **Elastic crack filler** depends on air temperature, sunshine and relative humidity. For normal conditions of 21°C (70°F) and 55% R.H. **Elastic crack filler**.

Dry to touch: 1h

Recoat: 2h

Walk on the surface: 24h

Vehicular traffic: 48h

Full cure: 7 days

Cleaning:

Clean the tools with water while the **Elastic crack filler** is still wet.

For more information on the product consult **Texnov** technical assistance (1-877-316-6388).

6- Storage

Pave-Tex must be stored at a minimum of 5°C (41°F) in a sealed container.

Shelf life of the product is 1 year.

7- Transport regulations

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

Note: This product requires no special measures for International Transport

8- Performance

<i>Elastic crack filler*</i>	
Test and method	Result
Adhesion on asphalt ASTM D4541	0.55 MPa
Accelerated weathering ASTM G154	Successful No visible deterioration after 2000 h
Water vapor permeability ASTM E-96	10.1 perms
Elongation ASTM D412	350%
Flexibility ASTM D522 1/8" Mandrel at -20°C	Successful (no cracks)
Solids ASTM D2697	75 % (volume) 83 % (weight)
Density ASTM D2697	1.6 g/mL

* Testing done at **Texnov** lab according to ASTM guidelines