

DATA SHEET

FLEXI TECH 80 EG

Pasty bi-component elastomer, solvent-free



Thortex Flexi Tech 80 EG is a two-component, solvent-free, abrasion-resistant, high-performance pasty urethane elastomer specifically developed for the repair of rubber, neoprene, etc. components. to be applied with a trowel or spatula.

The formula of **Thortex Flexi Tech 80 EG** is based on a complex blend of polyols and polyesters in combination with amino catalysts and activators to create a cold vulcanizing product with excellent mechanical resistance properties.

The properties of Thortex Flexi Tech 80 EG have been specially designed for use on industrial rubber products.

Before proceeding, please read the following instructions carefully to ensure that you understand the application procedure correctly.

SURFACE PREPARATION

Remove all traces of dirt, oil or grease, and clean the surface with Thortex Universal Cleaner. Any areas with fragmented or crushed rubber must be cut away to provide a healthy repair area.

Smooth surfaces, including metal, must be mechanically roughened to exhibit a good profile, preferring abrasive blasting for metal substrates. For rubber surfaces it is preferable to use a mechanical brush.

All loose dust and particles must be removed and the surface cleaned with the **Thortex Universal Cleaner**.

For certain repair areas, such as gaskets and molds, when **Thortex Flexi Tech 80 EG** is not to adhere to a surface, the surfaces must be treated with **Thortex Release Agent**.

PRIMING

On all areas to be repaired or in need of surface restoration, **Thortex Flexi Tech Primer** must first be applied.

The Primer must be applied with a soft bristle brush to have an even but thin layer, taking care to avoid its accumulation.

Allow a minimum of 60 minutes and a maximum of 8 hours at 20 ° C to pass before applying **Thortex Flexi - Tech 80 E.G.**

MIXING

Thortex Flexi Tech 80 EG it is a two-component material that must be mixed before use. It is supplied in a double compartment package with pre-dosed base and activator components. Remove the pouch from the outer aluminum container and heat it to approximately 20 ° C before use to facilitate mixing. Then remove the plastic divider and mix the two components carefully by hand until they are homogeneous.

Distribute the mixed product on the prepared surface and smooth using the applicator provided.

APPLICATION

The mixed compound must be pressed well on the prepared area by making it penetrate into the cracks and defects of the surface. Where necessary, reinforcement tape can be incorporated into the compound and overlapped for multi-layer reinforcement.

All tools must be cleaned **IMMEDIATELY** after use with **Thortex Universal Cleaner**.

Detailed instructions are available from the Technical Center upon request.

Theoretical coverage

For 500 gr of mixed product:
0,45 m² a 1 mm
0,22 m² a 2 mm
0,11 m² a 3 mm

The coverage values indicated are theoretical and do not take into account the profile or the conditions of the surface to be repaired

PHYSICAL CONSTANTS

Mixing ratio

It is supplied in a double compartment package with the basic components and activator already pre-dosed

