SEAL-IT® 720 CHEM-FIX

Product

Seal-it® 720 CHEM-FIX is a durable, certified chemical anchor based on a two-part styrene-free polyester resin, for fast and secure anchoring of studs, screws and bolts in a variety of structures and structural components under highly dynamic loads, such as collision barriers, staging, scaffolding, columns, technical equipment/machinery, stair railings, shutters, window frames, etc.

Applications

- Chemical anchor for studs, screws and bolts in solid and hollow surfaces, such as concrete, aerated concrete, cellular concrete, lightweight concrete, masonry, solid and hollow building stone.
- Stable and durable anchor for window frames, roller shutters, stair railings, etc., in a variety of structures.
- Ideal for use as a durable plastic repair mortar, for concrete and stone surfaces.

Properties

- Ready-to-use single-cartridge system.
- Extremely user-friendly, with a normal/standard sealant gun.
- Fast-curing and fast-strengthening, with ultra-strong final result.
- Suitable for both solid and hollow surfaces/materials.
- For M8 to M20 studs and for screws and bolts.
- Suitable for alkaline environments/surfaces.
- Tension-free installation/attachment.

Standard product line

Colour	12 x 300ml cartridge
Grey	SI-720-0000-300

Other packaging available on request.

Working and curing times

Basic material temperature °C	Working time (max. minutes)	Curing time (hours)
0	40	12
5	20	6
10	15	4 hours and 30 min.
15	10	3 hours and 45 min.
20	7	3
25	6	2 hours and 15 min.

Connect Products
T: +31 (0)347 341 916

Duurzaamheidsring 220
F: +31 (0)347 341 645

4231 EX Meerkerk (NL)
E: info@connectproducts.nl

Version 20200915

Performance data for bore holes in concrete

Bore class 8.8	M8	M10	M12	M16	M20
Bore diameter	10	12	14	18	24
Embedding depth	80	90	110	125	170
Standard edge distance	80	90	110	12	170
Standard anchor distance	160	180	220	250	340
Torque	10	20	40	80	120

Technical product data

Base		POLYESTER
Density	g/ml	1.78
Contraction		None
Permissible deformation	%	25
Temperature resistance once fully cured	°C	-20/+70

Shelf life

In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 15 months after the production date.

Pretreatment and finishing

- Always bore the hole in the correct diameter and to the correct depth.
- Remove all dust and debris from the bored hole.
- For optimal strength, the distance between the centre of two holes should be at least 2.5 times the depth of the hole, and 1.25 times the depth of the hole for the distance to the edge.
- Screw static mixer onto the cartridge, then insert cartridge into sealant gun.
- Squeeze Seal-it® 720 CHEM-FIX out through static mixer. Do not use the first 10 cm of Seal-it® 720 CHEM-FIX squeezed out, because the mixture will not be uniform and therefore will not cure.
- Apply the desired amount of evenly mixed Seal-it® 720 CHEM-FIX in the predrilled hole, always starting from the bottom of the hole.
- Place studs, bolts and/or screws in the Seal-it® 720 CHEM-FIX while it is still in paste form, and if necessary secure them for the curing time.
- If studs, bolts and/or screws are installed temporarily and should be removed later, grease them with Vaseline first.
- Only replace the static mixer with a new one if you have exceeded the working time for Seal-it® 720 CHEM-FIX, which will cause Seal-it® 720 CHEM-FIX to harden in the static mixer, rendering it unusable.

Connect Products
T: +31 (0)347 341 916

Duurzaamheidsring 220
F: +31 (0)347 341 645

4231 EX Meerkerk (NL)
E: info@connectproducts.nl

Version 20200915

Cleaning

Remove fresh/uncured material from surfaces and tools using Seal-it® 510 CLEANER. Clean hands/skin with Seal-it® 515 ULTRA-WIPES. Cured material must be removed mechanically.

Limitations & recommendations

Not suitable for continuous water loads or joint sealing. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Test unknown surfaces for material compatibility.

Health & safety

Avoid long-term contact with skin. If uncured material gets in your eyes, rinse out thoroughly with plenty of water and consult a physician. The product safety data sheet is available on request.

Warranty & liability

Connect Products BV guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

Certifications

EUROFINS LEED®
ETA 19/0799

Connect Products
T: +31 (0)347 341 916

Duurzaamheidsring 220
F: +31 (0)347 341 645

4231 EX Meerkerk (NL)
E: info@connectproducts.nl

Version 20200915