

Fast-Setting Resin

R 726

Casting resin for high-strength repair of cracks and joints in screeds



FEATURES AND BENEFITS

- Very rapid hardening
- Ultra-high strength
- Ideally suited for wide cracks

FIELDS OF APPLICATION

Rapidly hardening repair resin for the:

- force-fit resin bonding of cracks and joints in screed
- bonding of metal profiles and carpet grippers.

In the case of very fine cracks or narrow joints, preferably use THOMSIT R 727 Flow Epoxy Resin.

TECHNICAL DATA

	Component A	Component B
Supplied as	beige paste	white paste
Packaging	tin can, 1.02 kg	
Shipping unit	65 x 6 à 1.02 kg tin can per pallet	
Mixing ratio A : B	100 : 2 parts by weight	
Pot life	approx. 15 minutes	
Ready for levelling	after 60 minutes at the earliest	
Temperature resistance		
after curing	up to +50° C, can be used on underfloor heating constructions	
for transport	-20 °C to +30 °C	
for storage	+10 °C to +30 °C	
Shelf life	12 months, cool and dry	

The above times were measured under standard climatic conditions (23 °C/50 % rel. air humidity). Please note that under other climatic conditions curing resp. hardening may be accelerated or delayed.

CONSUMPTION

	Consumption
Closing screed cracks and joints	depends on width and depth of cracks and joints
Fixing of metal sections and nailed strips	approx. 100 g/m ² per metre length

PREPARATION OF SUBSTRATE

Substrates must be clean, dry, load-bearing and free of substances which may impair adhesion. Remove crumbling, unstable areas on the screed edges. Cracks or joints may have to be enlarged with a cutting disk to ensure the optimum penetration of the casting resin. The penetration depth must be at least 2/3 of the screed thickness. Carefully vacuum off the dust in cracks that were mechanically pretreated.

If necessary (e.g. definite movement of the screed layer), make transverse cuts approx. every 20 to 30 cm into the screed, vacuum off the dust and embed steel nails or repair clamps into the cuts.

APPLICATION PROCEDURE

THOMSIT R 726 consists of two components (resin and hardener). The resin is supplied in a canister, the hardener separately in a tube (on top of the canister). Empty the complete content of the tube into the canister. Afterwards, mix resin and hardener thoroughly for at least 1 minute. Fill the fast-setting mixture into the prepared cracks or joints in the screed and smooth them over. Sprinkle a generous amount of fire-dried quartz sand THOMSIT QS 10 (grain size 0.4 – 0.8 mm) into the still fresh resin to ensure better bonding of subsequently applied levelling compounds or adhesives. Remove any excess sand after hardening.

Metal sections and nailed strips

If metal sections and nailed strips need to be bonded, apply THOMSIT R 726 with a flat trowel onto the substrate. Embed the materials, align and fix them until the resin has cured.

PLEASE NOTE

- Basic prerequisites for achieving best indoor air quality after carrying out floor installation work are conformity to the standard working conditions as well as completely dry substrates, primers and levelling compounds.
- Only carry out floor installation work if the floor temperature is above 15 °C, air temperature above 18 °C and relative humidity below 75 %.
- Immediately remove fresh product stains with alcohol (spirit). Clean the tools with alcohol (spirit) directly after use.
- Do not scrape product remains from the bottle.
- The pot life and hardening of the resin depend on the temperature. They will be shorter at higher temperatures and longer at lower temperatures.

PRODUCT SAFETY

For commercial/industrial use only

Component A

Contains: styrene

Flammable liquid and vapour. Causes serious eye irritation. Causes skin irritation. Suspected of damaging the unborn child. Causes damage to organs (hearing organ) through prolonged or repeated exposure.

Wear protective gloves and eye/face protection. Avoid breathing vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. Take precautionary measures against electrostatic discharges. Do not eat, drink or smoke when using this product. Use non-sparking tools. Avoid release to the environment. Do not wear contamin-

ated work clothing outside of the workplace. Wash thoroughly after use with plenty of soap and water. If in eyes: Rinse cautiously with water for several minutes. If possible, remove contact lenses. Continue rinsing. After skin (or hair) contact: Wash/shower with plenty of soap and water. If eye or skin irritation persists: Call a poison control center or doctor. If exposed or concerned: Call a poison control center or doctor. Take off contaminated clothing and wash before reuse. If eye irritation persists: call a poison control center or doctor.

Keep cool in a well-ventilated place. Store under lock and key. Dispose of contents/container to hazardous waste disposal.

Component B

Contains: dibenzoyl peroxide, dibutyl maleate

Heating can cause fire. Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs (kidney) after prolonged or repeated exposure (oral). Very toxic to aquatic life with long lasting effects.

Wearing safety gloves. Avoid breathing vapour. Avoid release to the environment. Do not wear contaminated work clothing outside of the workplace. If in eyes: Rinse cautiously with water for several minutes. If possible, remove contact lenses.

Continue rinsing. After skin (or hair) contact: Wash/shower with plenty of soap and water. If eye or skin irritation persists: Call a poison control center or doctor. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use alcohol-resistant foam, carbon dioxide, dry chemical or water spray to extinguish. Keep in a well-ventilated place. Protect from sun exposure. Store at temperatures not exceeding 20 °C. Dispose of contents/container to hazardous waste disposal.

Further information can be found in the safety data sheet at www.thomsit.com.

TECHNICAL INFORMATION

Please also follow the instructions in the following information sheets:

- "Assessment and preparation of substrates" of the Bundesverband Estrich und Belag e.V. (BEB), Troisdorf (www.beb-online.de)
- Briefing notes of the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publications")
- Generally recognized rules of flooring technology as well as the applicable national standards

SERVICE FOR ARCHITECTS AND DESIGNERS

Please contact our sales force if you need advice or building project support. Further documents can be downloaded from the internet at www.thomsit.com.

DISPOSAL

Further information on disposal can be found on our homepage at <http://www.thomsit.de/services-seminare/entsorgungshinweise>. Do not allow the product to enter sewer systems, surface waters or the soil. Only return the completely emptied buckets for recycling. Dried material residues can be disposed of as household waste. Non-hardened product residues must be taken to a collection point for hazardous waste.

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The above information, in particular recommendations for the handling and use of our products, is based on our professional knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for the intended application method and use. Legal liability cannot be accepted on the basis of the contents of this technical data sheet or any verbal advice given unless there is evidence of wilful intent or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.