

Knarr Concrecive 2715 FD

Technical Data Sheet




Product classification

Knarr Concrecive 2715 FD is an epoxy-based, two-component, repair, anchoring and assembly putty.

The sphere of application

- On concrete and stone walls,
- Repair and insulation of wide cracks,
- Assembling and connecting all kinds of metal and steel parts to concrete and steel structural elements,
- Covering and fixing external surfaces in cracked parts,
- Fastening of protective gratings and earthquake dampers on bridges and bridge sections,
- It is used for fixing anchoring elements.

Physical properties

The structure of the material Knarr Concrecive 2175 FD COMP A Knarr Concrecive 2175 FD COMP B	Epoxy resin Epoxy hardener	
Colour	Grey	
Density of the mixture(gr/ml)	1.66 gr/ml	
Mixing ration by weight Component A Component B	3.75 KG 1.25 KG	
Pressure resistance 1 day 7 day	30 N/mm ² 75 N/mm ²	
Bending resistance 1 day 7 day	17 N/mm ² 25 N/mm ²	
Adhesion resistance (7 day) On Concrete On Steel	>3,0 N/mm ² >3,5 N/mm ²	
Application thickness	Min. 2 mm Max. 30mm	
Surface temperature	+ 5°C - +30°C	
Pot Life duration (+20°C)	40 min	
Touch dry time (+20°C)	90 min	
Full drying time (+20°C)	3 hour	
Curing time (+20°C)	7 day	

Results shown are for 3mm thickness. Results may vary based on coating thickness and ambient temperature.

"CMT Group" MMC

Ünvan: Badamdar şos. 27, Bakı, Azərbaycan

Tel: (+994 12) 345 04 05

Faks: (+994 12) 345 04 06

E-mail: office@cmt.com.az

Web-site: www.knarrpaints.com



Knarr Concrecive 2715 FD

Technical Data Sheet



Advantages

- It has a paste consistency, easy to apply, suitable for vertical surfaces, does not flow.
- Provides excellent adhesion to concrete and steel.
- Quickly gains mechanical strength.
- Resistant to chemicals.
- Water and gas tight.
- It has a high charging capacity.
- Provides adhesion to wet surfaces.
- Solvent-free.
-

Surface preparation

The surface used in the repair of reinforced concrete elements should be cleaned of dust, oil and construction waste, damaged and loose concrete pieces on the surface, and steel surfaces should be cleaned of rust by sandblasting. The edges of the surface caused by the fracture should be cut as perpendicular as possible, the rust on the reinforcement should be cleaned, and if necessary, new reinforcement should be added. If there is water flow on the surface, it should be drained or closed with a suitable plug.

Mixing

Knarr Concrecive 2715FD is supplied in ready-to-use kits according to the mixing ratio. Before starting the mixture, it should be ensured that the temperature of the material is between +15-+25°C. Component B must be completely drained into component A and it is necessary to ensure that no material remains in component B. The mixture should be mixed for at least 3 minutes until a homogeneous mixture is obtained, with a mixer at about 300 rpm, taking care not to leave any unmixed material on the sides and bottom of the package.

Methods of use

Knarr Concrecive 2715FD should be applied to the prepared surface with a spatula or trowel. The application thickness should be at least 2 mm and at most 30 mm. In the manufacture of anchors, according to the project, holes should be drilled with a drill that is at least 6 mm larger than the diameter of the reinforcement. Excavated spaces should be cleaned with a wire brush and compressed air. The prepared material should be filled into the appropriate putty gun. The cavity should be sufficiently filled with Knarr Concrecive 2715 by pulling the nozzle of the gun beyond the bottom of the cavity. It is necessary to insert the material into the hole by turning the anchor rod of any length and diameter.

Consumption

It is about 1.70 kg/m² for 1 mm thickness.

Storage conditions

The paint should be stored in dry, cool, well-ventilated, unopened warehouses with high temperatures and no possibility of sparks, taking into account the local conditions. It should be mixed well before use. Containers should be tightly closed. Shelf life is 18 months.

"CMT Group" MMC

Ünvan: Badamdar şos. 27, Bakı, Azərbaycan

Tel: (+994 12) 345 04 05

Faks: (+994 12) 345 04 06

E-mail: office@cmt.com.az

Web-site: www.knarrpaints.com



Knarr Concrecive 2715 FD

Technical Data Sheet



Packaging

It is produced as 3.75 kg A Component and 1.25 kg B Component.

Applier paint specialist

This product is for professional use only. The applicators and operators should be trained, experienced and have the capability and equipment to mix and apply the coatings correctly and according to requisition. Applicators and operators must use appropriate personal protection equipment when using this product.

Color of the product

When applicable, products primarily meant for use as primers or antifoulings may have slight color variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

Caution

The information above is prepared based on laboratory testing and practical experience. The company cannot guarantee anything but the quality of the product, because products are often used under conditions beyond our control.

Health and safety rules

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Attention: "CMT Group" MMC holds right to change information on this Technical Data Sheet without further notice.

"CMT Group" MMC

Ünvan: Badamdar şos. 27, Bakı, Azərbaycan

Tel: (+994 12) 345 04 05

Faks: (+994 12) 345 04 06

E-mail: office@cmt.com.az

Web-site: www.knarrpaints.com

