

EPOXY EUCOGRAUTE

grout high performance epoxy

DESCRIÇÃO

Eucograute Epoxy is a grout high fluidity three-component , composed of epoxy resin, special additives and selected mineral aggregates. With high performance and no shrinkage, it is indicated for structures subject to dynamic loading.

CARACTERÍSTICAS TÉCNICAS

ESSAY	RESULTS
Color	Gray
final cure	7 days
application temperature	5 to 30°C
Application time after mixing (25°C)	40 minutes
Density of the mixture (25°C)	1,900 kg/m ³
COMPRESSION STRENGTH - ASTM C109/109M	
*06 hours	≥ 30 MPa
*24 hours	≥ 65 MPa
*7 days	≥ 80 MPa

Note: *Results refer to tests carried out in the laboratory according to ASTM C 109

VANTAGENS

- High mechanical, dynamic and cyclic resistance;
- Fast cure without shrinkage;
- High initial and final mechanical strength;
- High fluidity and excellent adhesion;
- Solvent free;
- Excellent chemical resistance.

UTILIZAÇÃO

- Grouting bases for equipment and rails subject to high cyclic loads;
- Filling for rail bases and overhead cranes, cranes and heavy equipment;
- Anchoring of tie rods, anchor bolts and other structural elements;
- Precision grouting on the base of machines and structures with strong vibration and impacts;
- Grouting of difficult to access areas;
- Structural repairs that require quick release;
- Base for compressors, pumps, engines, turbo generators, turbines, etc .;
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For other uses consult our Technical Department (sac@viapol.com.br)

INSTRUÇÕES DE UTILIZAÇÃO

Tools needed : Mechanical mixer, bucket and mould;

surface preparation

Concrete must be clean, dry, decontaminated and be at least 28 days old and have adequate mechanical strength (fck > 20MPa). METAL must be clean, free of rust, paint, oil, grease, etc. Because it has a very fluid consistency, **Eucograute Epoxy** requires the use of a form (watertight) around the base plate to keep the product in the desired location until curing.

Product Preparation

Transfer the entire contents of Part 1 to a cylindrical container with a straight bottom that holds at least ten liters, then add the entire contents of Part 2. Mix for 2 minutes using a low speed drill (400 – 600 rpm) with proper mixing propeller. Gradually add Part 3 and mix for another 4 minutes or until complete homogenization. Mix one set at a time.

Fractionation is not recommended.

Product Application

Eucograute **Epoxy must be launched carefully (gravity) on** only one side of the mold to avoid trapping air until the product reaches the other side. The launch must be done continuously, uninterrupted and total to avoid cold joints.

Recommendations

The workability time of the product depends on the ambient temperature, high temperatures decrease the workability time while low ones increase it.

The minimum application thickness is 5mm and the maximum 50mm per layer. The application time between layers of 50mm should be 2 hours, in order not to generate excessive heat.

The shapes must be completely watertight.

RESTRICÇÕES DE USO

Low temperatures negatively affect the fluidity and speed of resistance development.

Protect the application site from sun and rain for at least 24 hours before applying **Eucograute Epoxy** and for at least 48 hours after application.

CONSUMO

PRODUCT	CONSUMPTION
epoxy eucograute	1,900 kg/m ³

EMBALAGEM / EMPILHAMENTO

PACKAGING	STACKING
Set with 19.42 kg	
Eucograute Epoxy - part 1 = 3.22 kg	5 sets
Eucograute Epoxy - part 2 = 1.00 kg	5 sets
Eucograute Epoxy - part 3 = 15.20 kg	5 bags

VALIDADE / ESTOCAGEM

Store in a clean, dry place with good air circulation, protecting from sunlight and heat sources, with an ambient temperature of 10°C to 30°C.

If stored correctly and in the original sealed packaging, **Eucograute Epoxy** has a shelf life of 9 months from the date of manufacture.

RECOMENDAÇÕES DE SEGURANÇA

Before starting work, consult the FISPQ (Safety Data Sheet for Chemical Products), available on our home page www.viapol.com.br.

Use suitable PPE such as gloves and face protection mask, waterproof boots and safety glasses.

Keep the product out of reach of children and pets.

In case of contact with the skin, wash the area with water and neutral soap.

In case of contact with eyes, rinse with plenty of drinking water for at least 15 minutes and seek medical advice.

In case of irritation of the skin, eyes or ingestion of the product, seek medical advice, informing about the type of product.

In case of ingestion, do not induce vomiting and seek medical attention immediately.

CUIDADOS AMBIENTAIS

Do not dispose of the product or packaging in the environment. Dispose of waste properly in accordance with current legislation on the local environment and applicable regulations according to the characteristics of the product or material. Do not reuse empty packages.

For more details, consult the safety data sheet (FISPQ) of **Eucograute Epoxy** on the www.viapol.com.br website.

“ Note : The information contained in this sheet is based on our knowledge for your help and guidance. We point out that the performance of our products depends on the surface preparation, application and storage conditions, which are not under our care. The practical performance depends on the application technique, equipment conditions and the surface to be coated. We do not assume, therefore, any responsibility regarding the yield and performance of any nature as a result of the improper use of the product. This product requires specialized labor for application. For more information, consult our technical department.”

Viapol reserves the right to change specifications or information contained in this brochure without prior notice.