

**PRODUCT**

# # 108 GRIP

## Reinforcement Corrosion Protection

#108 GRIP is a ready-to-use product based on modified cements, selected inert aggregates, alkali-resistant polymers and specific additives. Mixed with water, it provides a one component passivation coating used for protecting steel reinforcement from corrosion.

**USES**

Protection of steel reinforcement against corrosion.

**MAIN PROPERTIES**

Blocks rust formation

**TECHNICAL DATA**

Classification UNI 8681	One-pack, physical drying, cement/vinyl base coat grout, matt finish.
Maximum granulometry EN 1062	0.5mm
Application thickness	2 mm in two coats
Apparent bulk volume	1300 ± 50 g/
Bulk volume in paste	1800 ± 50 g/l
pH	12
Type of binder	Cement-based (UNI 8681: TA)
Solid content	100%
Tensile adhesion strength EN 15184	Passes
Corrosion protection EN 15183	Passes

**SPECIFICATIONS**

Colour range	Reddish
Coverage	1.7 kg/m <sup>2</sup> per mm of thickness
Mixing Ratio	32% with water 1.6 Litres per 5 kg pack under strong mechanical stirring.
Pot-life of mixture	About 1 hour, mixing off and on.
Packing	108 GRIP is packed in 5 Kg. tins
Storage Life	18 months, if properly stored in the original special bag

**PREPARATION OF REINFORCEMENT**

Clean reinforcements from rust by steel brush (new reinforcement) or by sandblasting (old corroded reinforcement).



## PREPARATION OF THE GROUT

For a correct mixing of #108 GRIP, the following procedure is advisable:  
Open the bags of #108 GRIP a short time before mixing is started.  
Take the quantity of material that can be used before expiration of pot life and close the bag.  
For example: Put 1.6 liters of water in a bucket and add 5 kg. of # 108 GRIP whilst stirring.  
Mix for at least 4-5 minutes using an electrical stirrer until the grout is well mixed and without lumps.  
Wait 5 minutes before starting application.

## APPLICATION

For reinforcement protection, apply one first coat of ~ 1 mm thickness by brush.  
Within 1 hour, apply a second coat of ~ 1 mm thickness.

## THE INFLUENCE OF TEMPERATURE

#108 GRIP can be easily applied when ambient temperature during pouring operations is between 5° and 35°C.

All information and direction contained in this technical data sheet are given in good faith and are based on the best known practical test.

SINIT when having no control over transport, storage, handling, use and application of its product, will disclaim any responsibilities for any unsatisfactory results obtained.

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These data supersede all previously published data.

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