



Grip Kit

technical data

1st February 2003

Description

Robex Grip Kits combine a specially formulated fluid metal with hardwearing graded calcined bauxite. Grip Kits are simplicity itself to apply and will bond to virtually all-clean surfaces and can be applied to an entire area or in strips or chevrons.

Each kit contains:

2 units of Fluid Metal Base	2 Units Fluid Metal Reactor
4 kgs Bauxite Aggregate	1 unit of Robex Cleaner / Degreaser
1 Spreader	1 Spatula
1 Large Mixing Bowl	1 Roll Masking Tape

Preparation

All surfaces should be free from contamination such as oil, water, grease, laitance, dust, etc. All surfaces must be dry.

Concrete surfaces must be thoroughly clean, abraded where necessary and all laitance must be removed. This preparation is important with surface hardened concrete.

Wooden surfaces must be thoroughly cleaned and sanded to ensure a sound surface.

Metal surfaces should have any flakiness removed with a wire brush and thoroughly cleaned and degreased with Robex Cleaner / Degreaser that is supplied in each kit. The surface should then be lightly abraded to form a key for the fluid metal to adhere to.

Galvanized Iron and Zinc/Aluminium and its Alloys

Special preparation is required for these surfaces depending on the age and condition. Please refer to our technical department before applying any Robex coating to this type of surface.

When oil and grease is present this can be removed with the Robex Cleaner / Degreaser provided - it is important that clean rags are used and changed regularly to avoid spreading any contamination. Mix the Base (brown in colour) with the Reactor (grey in colour) in the mixing bowl provided. The mixing ratio is one part Base to one part Reactor by volume. Alternatively a complete unit of Base may be mixed with a complete unit of Reactor. However, the pot life of the mixed product is approximately 50 minutes so only sufficient materials should be mixed that can be used within that time.

IT IS ESSENTIAL THAT THE PRODUCT BE MIXED THOROUGHLY TO A UNIFORM COLOUR.

Application

Following preparation masking tape should be laid on the surface as required. Once the product has been mixed it should be applied to the surface within 30 minutes with the spreader or spatula provided - alternatively a stiff bristled brush may be used. The Fluid Metal should be applied at a film thickness of approximately 1,000 microns.

Following application immediately sprinkle the Bauxite aggregate into the Fluid Metal so that the surface is completely covered. The aggregate can then be tamped in using a block of wood. Once the aggregate has been tamped into the Fluid Metal remove all masking tape immediately.

Minimum Cure Temperature

5°C (50°F) To ease application in cold conditions the Fluid Metal should be stored in a warm room prior to application or alternatively the Base and Reactor can be warmed until the contents reach a temperature of 65°C - 75°F.

Coverage

Each kit will cover approximately 2-3 sq mts.

Mixing Ratio

One part Base to one part Reactor by volume.

Curing Time

4-6 hours @ 19°C.

Flash Point

Base 100°C. Reactor 122°C.

Pot Life

50 mins @ 19°C.

Storage Life

24 months in original sealed containers.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.

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