



# MAXFLOW®

## TWO COMPONENT, SELF-LEVELLING, HIGH PERFORMANCE FLOOR MORTAR FOR REPAIR AND FINISH OF LARGE CONCRETE SURFACES IN MINIMUM THICKNESS.

### DESCRIPCION

MAXFLOW is a two component self-levelling mortar. The powder is a mixture of cements, special aggregates and metallic fibres. The liquid is a synthetic resin. Mixing the two components produces a fluid mortar which can be poured and self-levels to a smooth finish. No trowelling necessary. MAXFLOW allows repairing large floor areas both interior and exterior. It is not affected by dampness. Areas to be repaired should be horizontal or only slightly sloping.

### USES

MAXFLOW is suitable for repairing and levelling crazed and cracked horizontal sound concrete floors.

### ADVANTAGES

- Self-levelling. No trowelling required.
- Excellent adhesion to concrete slabs.
- High impact resistance.
- Highly resistant to abrasion, ultra-violet rays and ice and salt thaw effects. It is ready for pedestrian traffic in 24 hours, for light traffic in 48 hours and heavy traffic in 72 hours, after application.

### APPLICATION

**Surface Preparation.** Remove all damaged areas so that only the structurally sound concrete remains. Use MAXPATCH (Technical Bulletin N.º 7.00) to patch cracks and holes deeper than 8 mm.

The concrete slab or floor must be free of all dirt, dust, oil, grease, paint, etc. Do not use chemical cleaners.

**Mixing.** Mix powder with MAXFLOW LIQUID by mechanical stirrer for one minute until a fluid mortar is achieved. 25 kg. of MAXFLOW powder requires 4.8-5 litres of MAXFLOW LIQUID. Pour MAXFLOW LIQUID into a clean container. Add 25 kg. of the powder while stirring with a mixing disc for one minute, until a homogeneous mixture, free of lumps, is achieved. Do not over mix so as not to get bubbles in the mixture.

**Placing.** Before pouring the self-levelling mortar MAXFLOW, wet the surface. Do not leave puddles. To improve adhesion apply a primer coat of MAXFLOW by brush. Place MAXFLOW by pouring directly, from the mixing container and spread with a rubber sponge. Before MAXFLOW begins to set (15-20 min) apply a spike roller to eliminate air bubbles.

## PACKAGING

MAXFLOW powder 25 kg. bags and MAXFLOW LIQUID in 5 and 20 litres jerrycans and 220 litre drums.

## COLOURS

Dark grey (pearl grey, red and green upon special request).

## STORAGE

12 months in its original unopened container properly stored in a dry covered place, protected from frost.

## CAUTION

MAXFLOW should not be applied over asphalt, metal, wood, painted surfaces or frozen surfaces. Do not apply below 5° C or above 40° C. Do not apply in windy weather. Do not use curing compounds.

## TEST DATA

<b>Test Conditions</b>	25° C y 50% H. R
<b>Application</b>	30-40 minutes
<b>Fluidity (5 cm Diameter, 2.2 cm Height, Cylinder)</b>	115 mm./min
<b>Mechanical Resistance (28 days)</b>	
<b>Compression strength</b>	60.87 N/mm <sup>2</sup>
<b>Flexural strength</b>	13.57 N/mm <sup>2</sup>
<b>Adhesion over concrete (Elcometer 6 m/m thickness) After 7 days</b>	2.80 N/mm <sup>2</sup>
<b>Shrinkage (ASTM C-157) After 14 days</b>	0.10%
<b>Density of powder-resin mixture</b>	2.10 g/cm <sup>3</sup>

## POWDER QUANTITY / m<sup>2</sup>

<b>Thickness</b>	<b>3 mm</b>	<b>5 mm</b>	<b>8 mm</b>
<b>Quantity Powder (kg):</b>	4.5	7.5	12.0

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



### **DRIZORO, S.A.**

C/ Primavera 50-52 Parque Industrial Las Monjas  
28850 TORREJON DE ARDOZ – MADRID (SPAIN)  
Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13



e-mail: [info@drizoro.com](mailto:info@drizoro.com) Web site: [drizoro.com](http://drizoro.com)