



Technical Datasheet  
Flexible Polyurethane Screed

# PUMAFLEX 2000

## DESCRIPTION

Pumaflex 2000 is a solvent free high build polyurethane floor screed for concrete, grano, mezzanine, metal decking and asphalt, including an allowance for flexing/minor movement.

## APPEARANCE

Smooth gloss coloured finish. With use the gloss finish will scratch or matt down. If a gloss finish is to be maintained then polishes can be used. Check with technical department as to the types of suitable polish.

## DURABILITY

Pumaflex 2000 exhibits the highest order of abrasion resistance. Subject to UV degradation of colour relevant to propensity of UV and colour of product.

## THICKNESS

Applied between 1—3mm

## SURFACE PREPARATION

To be assured of maximum adhesion and properties from Resdev resin products the correct surface preparation is essential. Please refer to technical data sheet "Surface Preparation".

## APPLICATION CONDITIONS

10-30°C; maximum moisture content within substrate <75% relative humidity.

## PRIMING

When treating extremely weak or porous concrete then prime with Pumaprime SF. When applying to Aluminium alloys, Zinc, Copper and glazing prime with Pumaprime DS.

## MIXING

Pour and fully drain the contents of the brown hardener component into the pigmented resin component and mix thoroughly for a minimum of three minutes or until a homogeneous mix is obtained paying special attention to scrape the sides and base of container.

## APPLICATION TECHNIQUE

Apply by trowel or pin rake at the prescribe spreading rate.

## COVERAGE RATES

Nominal 1mm = 1.5kg/m<sup>2</sup>

Nominal 2mm = 3.0kg/m<sup>2</sup>

## MAINTENANCE

Provided contamination is not allowed to build up, regular scrubbing or mopping with normal proprietary cleaning agents will maintain this system in serviceable condition. Damaged areas of this system should be patch-repaired/replaced in order to ensure longevity of the work area is maintained.

## CURE SCHEDULE

Pot life of full unit	-	20 min @ 20°C
Initial film set time	-	4 hrs @ 20°C
Resistant to light traffic	-	12-16 hrs @ 20°C
Resistant to heavy traffic	-	48 hrs @ 20°C
Full cure/chemical resistance	-	4days @ 20°C

## COLOURS AVAILABLE

See colour chart for available colours. Please note light colours not available due to UV change. See technical department.

## TEST DATA

Elongation at break to BS.2782	-	70%
Hardness Shore 'D'	-	62
Tensile Strength to BS.2782	-	7N/mm <sup>2</sup>
Tear Strength to BS.903 die 'C'	-	33N/mm <sup>2</sup>
Compressive strength to BS.6319 no failure (85% recovery)	-	90N/mm <sup>2</sup>
Taber abrasion - dry CS10/1000 cycles / 1kg -	-	80mg
Taber abrasion - dry H18/1000 cycles / 1kg -	-	400mg

## HEALTH AND SAFETY

Please read technical data sheet and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

## STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect the quality of the finish produced. Please read technical data sheet.

## TECHNICAL ADVICE

For further information on this or any other Resdev product, please contact our Customer Care Department on 01422 379131.