



Technical Datasheet  
Polyurethane Floor Screed

# PUMASCREED P

## DESCRIPTION

Pumascreed P is a heavy duty polyurethane based floor screed designed to provide good resistances to abrasion, and other physical aggression when used in conjunction with a grout coat of Pumagrout plus at least 1 coat of a high build coating

## COMPOSITION

Water dispersed polyurethane resin system combined with graded silica aggregates producing a tight finish with normal trowelling techniques allowing for a single application of Pumatect HT or 2 coats of other Resdev Coatings.

## APPEARANCE

A level mottled aggregate surface with chosen background colour providing a light slip resistant surface texture.

## THICKNESS

Typical 4-15 mm.

## TYPICAL INSTALLATIONS

Dry-food processing or storage, medium duty traffic and industrial vehicles, engineering process areas etc.

## SUBSTRATES

Concrete, polymer reinforced screeds, grano concrete.

## 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

5-30°C. Maximum moisture content of substrate  
See BS 8203 appendix A 75%RH or 5% by weight.

## PRIMING

Application of the Pumascreed P should commence directly into uncured "tacky" Pumaprime T.C.

## MIXING

Pre-mixing of the coloured liquid component is essential to ensure any light settlement is reincorporated. Thoroughly drain the contents of the brown hardener component into the coloured resin component and mix for a minimum of 1 minute or to provide a homogeneous mix. The resultant mixture should then be loaded into a rotary drum mixer and the aggregate component loaded in stages, mixing for three minutes or until a lump free mix is obtained. Apply to pre-primed areas and level between battens as necessary, with a steel float.

## COVERAGE RATES

12kg/m<sup>2</sup> at 6mm.

## SPECIFICATION DETAIL

Pumaprime T.C. at 225-350g/m<sup>2</sup>.

Please refer to technical data sheet reference TD001

Pumascreed P @ 6mm

Pumagrout @ 225-350g/m<sup>2</sup>

Followed by a final seal coat. i.e Pumadur T,F, Pumaguard SFS, Pumasheid, Pumatect, etc.

***Alternatively one coat of Pumatect HT may be used at a rate of 0.5kg/m<sup>2</sup> without the need of Pumagrout. Thus reducing the system application time.***

## MAINTENANCE

Regular cleaning of the applied system is recommended with a rotary scrubber dryer in order to maintain slip resistance properties and cosmetics.

## CURE SCHEDULE

Useable Life at 20° C	- 15 mins
Initial film gel time at 20° C	- 20 mins
Light traffic at 20° C	- 4-6 hours
Light wheeled traffic at 20° C	- 12-16 hours
Heavy traffic at 20° C	- 24 hours
Full cure at 20° C	- 7 days

## COLOURS AVAILABLE

All standard Resdev colours except white, and magnolia.

## TECHNICAL DATA

Compressive strength	- 35-40N/mm <sup>2</sup>
(Dependant on types and number of seal coats	
Slant shear bond strength	- 35N/mm <sup>2</sup>

## HEALTH AND SAFETY

Please read technical data sheet reference TD103 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. Store above 10° C in dry conditions. Please read technical data sheet reference TD104.

## TECHNICAL ADVICE

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