

# Pumadur Grout



## Product Description:

**Pumadur Grout** is a three-part, polyurethane grout for use with **Pumadur SC**.

**Pumadur Grout** will reduce the porosity of **Pumadur SC** to enable more economical sealing with the wearing coat of choice.

## Appearance:

Mottled, matt finish.

## Coverage:

To grout **Pumadur SC**: approx. 250.0 g per m<sup>2</sup>

Coverage figures given are theoretical. Practical coverage rates may vary due to wastage factors and the type, condition, profile and porosity of the substrate.

## Health & Safety:

Refer to product Safety Data Sheet before use.

## Technical Advice:

For further information on this or any other Resdev product, please contact our office.

## Available Colours:

Please see price list for available colours.

## Application Conditions:

The ideal ambient, substrate and material temperature range is 15 - 20 °C. Localised heating (electric powered warm air blower) or cooling equipment may be required outside this range otherwise the surface finish may be impaired. The maximum substrate and atmospheric relative humidity should be 75%. The substrate and uncured floor must be kept at least 3 °C above the dew point to reduce the risk of condensation or blooming on the surface from before priming to at least 48 hours after application.

## Application:

Prior to mixing, the temperature of the three components must be between 15 and 25 °C. Pre-mix the coloured resin component before use. Add the hardener component to the coloured resin component and mix using a low speed electric mixer (300 - 400 rpm) for 1 - 2 minutes until homogeneous. Add the full contents of the filler bag slowly and mix for a further 1 - 2 minutes until a lump free consistency is obtained.



When grouting **Pumadur SC**, apply using a squeegee pushing well into the surface until saturated then pull back to a tight coat with a short pile roller pre-wetted with **Pumadur Grout**. Inconsistent application thickness will result in an uneven finish and appearance. The cured product should be protected from other trades using Kraft paper or similar breathable material. Polythene should not be used. Protect the installed floor from damp, condensation and water for at least 4 days.

## EU Directive 2004/42/EC:

Complies with category j type SB (< 500 g/l). The VOC content of **Pumadur Grout** is approx. 21 g/l (theoretical).

## Limitations:

Do not proceed with application if atmospheric relative humidity is, or is anticipated to be, >75% or if the surface temperature is <3 °C above the dew point. Application should not commence when the substrate temperature or the ambient temperature is, or is anticipated to be <10 °C during the application or within the curing period. The manufacture of **Pumadur Grout** is a batch process and despite close manufacturing tolerances, colour variation may occur between batches. Products from different batches should not be used on the same surface or surfaces close together. If mixed batches are unavoidable, it is best practice to use the different batches only in areas where the colour cannot be directly compared. Touching up should only be attempted using product from the same batch using the same application methods. Product should be reserved specially for this purpose. It is recommended that touching up is carried out up to a break in the floor or surface. **Once fully cured the product can be cleaned up to 60°C.**

PRODUCT INFORMATION	
<b>Chemical Type</b>	Water-based polyurethane grout
<b>Packaging</b>	<b>5.00kg Unit:</b> Resin: 1.27kg Hardener: 1.03kg Filler: 2.70kg
<b>Shelf life</b>	Resin & Hardener: 12 Months Filler: 6 Months
<b>Storage conditions</b>	<b>Pumadur Grout</b> must be stored off the ground in original packaging, unopened and undamaged. The ambient conditions must be dry and between 10°C and 30°C with no direct sunlight. Protect from frost.

APPLICATION INFORMATION	
<b>Mixing Ratio</b>	MIX FULL UNITS
<b>Consumption</b>	To grout <b>Pumadur SC</b> : approx. 250.0 g per m <sup>2</sup>
<b>Environmental Conditions</b>	Air Temp +15°C to 25°C Relative air humidity <75% Dew Point >3°C above
<b>Substrate Temperature</b>	+15°C to 25°C
<b>Substrate Moisture Content</b>	Substrate relative humidity (RH): <75% Concrete must have a tensile strength: >1.5 N/mm <sup>2</sup>
<b>Pot life (approx.)</b>	+10°C 25 minutes +20°C 15 minutes +30°C 10 minutes
<b>Curing Schedule 20°C</b>	Light Pedestrian Traffic Above 48 hours Light Wheeled Traffic Above 4 days Heavy Duty Traffic Above 5 days <b>Full Chemical Resistance 7 days</b>
<b>Service Conditions</b>	Once fully cured the product can be cleaned up to 60°C.

TECHNICAL INFORMATION *	
<b>Adhesive strength to concrete</b>	BS EN 13892-8 >1.5 N/mm <sup>2</sup>

\*The typical physical properties given above are derived from testing in a controlled laboratory environment. In the field results may vary due to site conditions.

## APPROVALS & STANDARDS

Synthetic Resin Screed material according to EN 13813:2002

Note: The information contained in this document, and all further technical advice is given based on our present knowledge and experience. However it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application is beyond our control. Properties listed are for guidance purposed only. We reserve the right to make any changes according to technological progress or further developments.

Pumadur systems are not colour fast and may yellow over time. The rate of change will depend on UV light and heat levels and cannot be predicted. This will be more pronounced on lighter colours but does not affect the performance of the product.

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CE	13	DOP RV0040	
<b>EN 13813 SR-B1,5</b> <b>Synthetic resin screed material for use internally in buildings</b> <b>not subject to reaction to fire regulations</b>			
Reaction to fire:	NPD	Impact resistance:	NPD
Release of corrosive substances :	SR	Sound insulation:	NPD
Water permeability:	NPD	Sound absorption:	NPD
Wear resistance:	NPD	Thermal resistance:	NPD
Bond strength:	B1,5	Chemical resistance:	NPD