



Pumadur WR is designed with the highest order of durability, abrasion and chemical resistance (when sealed). Its easy to clean matt finish makes product ideal for environments such as the food, beverage, engineering and chemical industries.

- ✓ Lightly textured matt finish
- ✓ Wide chemical resistance
- ✓ Seamless (minimum joints required)
- ✓ Non tainting, non dusting
- ✓ High abrasion resistance
- ✓ Typically 2 – 9 mm (vertically 4 mm maximum)

Application Conditions

Ideal ambient and substrate temperature range is 15 – 25 °C. Localised heating or cooling equipment may be required outside this range to achieve temperature conditions. The aggregate can be stored in a cool area (or warm area in the case of low ambient temperature) in order to control product temperature and working life. The substrate and uncured floor must be kept at least 3°C above the dew point to reduce the risk of condensation blooming on the surface, from before priming to at least 48 hours after application.

Surface Preparation

Inadequate preparation will lead to loss of adhesion and failure. Substrates should be clean, dry, sound and free of surface laitance. See the Resc Surface Preparation for further information.

Application Instructions Priming

Pumadur WR should be applied into tacky Pumaprime TC (typically 45 – 60 minutes after application). If, prior to application of Pumadur WR, there are patches, a further primer coat is required. If the primer has been left to cure for >48 hours then the primer surface should be mechanically abraded and re-primed.

Application of Pumadur WR

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 hardener component to the coloured resin component and mix using a low speed electric mixer (300 – 400 rpm) for 1 – 2 minutes until homogeneous. Decant the mixture into a rotary drum mixer and add the aggregate component in stages, mixing for a minimum of 3 minutes until a uniform colour lump-free mix is obtained. Apply the mixture immediately onto pre-primed areas using a coving trowel to form skirting if required. Avoid excess which may lead to 'trowel burn'.

Sealing

Due to the dry nature required of a product designed to be applied vertically, Pumadur WR shows a lower colour strength than flooring materials. Density may vary throughout an installation. Where a closer colour match is required or where Pumadur WR requires sealing, for example, in wet areas where chemical spillages are likely, Pumadur TF should be applied within 24 hours of application. See separate technical datasheet.

Regular cleaning is essential to enhance and maintain the life expectancy and appearance of the product. Pumadur WR can be easily cleaned using standard cleaning chemicals and techniques, especially where sealed using Pumadur TF. Consult your cleaning chemical and equipment supplier for information.

Health and Safety

Refer to product Safety Data Sheet before use.

EU Directive 2004/42/EC

Complies with category j type SB (< 500 g/l). The VOC content of Pumadur WR is approx. 6 g/l (theoretical).

Storage

Store off the ground in un-opened packs in a dry store, under cover between 10°C and 30°C out of direct sunlight. Protect from frost.

Shelf Life *

Resin and hardener components: 12 months

Aggregate component: 6 months.

If stored in accordance with the above recommendations

Limitations

Do not proceed with application if atmospheric relative humidity is, or is anticipated to be, >90% or if the surface temperature is <3 °C above the d
Application should not commence when the substrate temperature or the ambient temperature is, or is anticipated to be <5

°C during the application or within the curing period. The design strength of concrete surfaces must be a minimum of 25 MPa compressive streng
days. The manufacture of Pumadur WR is a batch process and despite close manufacturing tolerances, colour variation may occur between batc
Products from different batches should not be used on the same surface or surfaces close together. If mixed batches are unavoidable, it is best p
use the different batches only in areas where the colour cannot be directly compared. Touching up should only be attempted using product from
batch using the same application methods. Product should be reserved specially for this purpose. It is recommended that touching up is carried
break in the floor or surface.

Technical Advice

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

Note

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

Resdev Limited, Pumafor House, Ainleys Industrial Estate Elland, West Yorkshire, HX5 9JP, England			
CE	13	DOP RV0022	
EN 13813 SR-B1.5 Synthetic resin screed material for use internally in buildings not subject to reaction to fire regulations			
Reaction to fire	E _t ⁽¹⁾	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

