



06-2010

023329.1.1.

Code

Product

023329

Herculan RB-S

Description of product	Herculan RB-S is a single component product formulated on the basis of moisture curing polyurethane resins. Herculan RB-S does not contain solvents or plasticizers.	
Application	Herculan RB-S is used as an elastic matrix compound for embedding SBR rubber or EPDM granulates for usage in shock pads or e-layers.	
Characteristics	<p>Herculan RB-S has permanent bonding performance, is shrink-free, solvent-free and impact resistant.</p> <p>Herculan RB-S is easy to apply and has excellent bonding properties on various substrates.</p> <p>Herculan RB-S exhibits good stability during transport and storage, even at low temperatures.</p>	
Packaging	Drums containing 215 kg.	
Colour	Transparent, yellowish	
Consumption	Depends on the application. For further details, please refer to our technical bulletin or our written recommendations.	
Safety considerations	<p>It is important that applicable requirements for working with synthetics are adhered to. This means, among other things, that contact with the skin and the eyes is prevented, by using barrier creams and/or impermeable gloves, protective eyewear etc. While applying Herculan RB-S, especially when working in cramped, closed spaces, it is advisable to provide ample ventilation.</p> <p>For further information, please refer to the product's safety information sheets.</p>	
Technical specifications	Solids content	100 %
	Density at 20 °C	1100 kg/m ³
	Can be walked on after (at 20 °C)	approx. 24 hrs
	Fully cured after (at 20 °C)	approx. 6 days
Storage and transport	<p>Keep product containers closed and store in a dry place.</p> <p>Store at temperatures between 15 and 25 °C.</p> <p>Shelf life: approx. 6 - 12 months if stored correctly.</p>	
Application	<p>a) Substrate: The substrate must be dry and free of all traces of oil, grease and loose particles. The temperature of the product, ambient air and the substrate must all be in the range 10 °C to 30 °C. The substrate must be as level as possible, with surface height variations not exceeding 6 mm over a length of 3 m¹. Relative humidity of the air must not exceed 90% and the temperature of the ambient air must remain at least 3 °C above the dew point.</p> <p>b) Tools: Slow speed mixing device, bricklayer's and plasterer's trowels.</p> <p>c) Mixing procedure: Pour the rubber granules or EPDM into a mixing container and stir to obtain a homogeneous appearance. Add the required quantity of Herculan RB-S to the rubber granules or EPDM and mix thoroughly until the mixture is homogeneous throughout. Pour the mixture onto the substrate to be finished, and distribute evenly using a plasterer's trowel.</p> <p>d) Cleaning: The tools used can be cleaned with Herculan Solvent TC.</p>	

Our recommendations concerning the technical application of the product, whether through oral or written communication or through demonstration, are given to the best of our current knowledge; however, any such instruction shall be without commitment, including where any protective rights of third parties are involved. They do not free you of the obligation to check the products supplied by us for their suitability for the procedures and applications envisaged. The (intended) use and application of the products are beyond our control. They are therefore your personal responsibility. In the event that Herculan proves liable, such liability shall be limited in all cases of damage to a sum not exceeding the actual value of the goods supplied by us and used by you. It goes without saying that we guarantee the good quality of our products, in accordance with the standards set out in our General Terms of Sale and Delivery.



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