

Teroson RB 2785

July 2013

PRODUCT DESCRIPTION

Teroson RB 2785 provides the following product characteristics:

Technology	Butyl Rubber
Product Type	Sealant
Application	Assembly
Appearance	Black
Consistency	Plastic, Tacky

Teroson RB 2785 is a black, solvent free, permanently plastic sealant based on butyl rubber. Teroson RB 2785 shows its final properties directly after application, no curing is necessary. As a butyl sealant Teroson RB 2785 demonstrates the following characteristics:

- high tackiness
- high strength
- good temperature resistance
- low water vapour permeability
- easy deformability at little forces

When applied hot, Teroson RB 2785 softens to a large extent, although it does not melt. Due to this behavior it can be easily applied with automatic pumping equipment. At low temperature Teroson RB 2785 retains its plastic properties without becoming brittle.

Application Areas:

Due to its good characteristics, high tack, easy deformability, Teroson RB 2785 is used in the Photovoltaic Industry for fixing of flexible modules to e.g. roofing materials. So called Peel & Stick technology. Depending on the slope of the roof mechanical fixation can be necessary.

TECHNICAL DATA

Density, g/cm ³ :	approx. 1.05
In service temperature range, °C:	-40 to +100
Temperature resistance:	
Short exposure (up to 1 h), °C:	140
Solids, %:	>98
Penetration (cone 150 g, 6 s, 20 °C), mm:	approx. 55 1/10

DIRECTIONS OF USE

Preliminary statement:

Prior to application it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

Pre-Treatment:

The surfaces must be clean, dry and free of grease.

Application:

Teroson RB 2785 can be applied as a tape in a manual way or via automatic application equipment out of hobbocks and drums. Piston-, gear-, extruder- or rotary-pumps are suitable. Pump, as well as follower plate, hose and application nozzle must be heatable. Due to the heated follower plate, Teroson RB 2785 softens at the surface and can be pumped. We recommend to keep pipes and hoses as short as possible. Equipment with divided heating circuits and independent control turned out to be favorable, with the lowest temperature at the follower plate and the highest temperature at the application nozzle. The processing temperatures are between 90 and 130°C. If required, also higher temperatures are possible and have to be adjusted according to the process requirements. The heated application pistol can be used either manually, on a fixed basis, or attached to an automatic application system (robot, CNC). The application nozzle may be designed according to individual requirements. On request, we will provide you with the needed information on suitable application equipment.

STORAGE

Frost-Sensitive	No
Recommended Storage Temperature, °C	5 to 35
Shelf-life (in unopened original packaging), 12 months	

ADDITIONAL INFORMATION

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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