

# SealPrem BR

## Product Description

SealPrem BR solvent-release bedding sealant is a high quality blend of rubber, fillers and polymers in gun-grade form.

## Typical Applications

- Low joint movement sealing in roofing & cladding
- Bedding aluminium window frames into timber subframes
- Sealing joints & seams in low pressure ductwork
- Sealing flashings
- General sealing in caravan and boats
- Bedding of profiled fillers in roofing and cladding applications

## Determination of the Heat of Combustion

Test method EN ISO 1716:2018 Reaction to fire test for products - Determination of the heat of combustion (ISO 1716:2018). These test results are also valid according to EN ISO 1716:2010 Reaction to fire test for products - Determination of the heat of combustion (ISO 1716:2010).

The test specimens were made by drying and cutting part of the sample into small pieces. The test specimens were conditioned prior to the test to a constant mass at a temperature of  $(23 \pm 2)$  oC and a relative humidity of  $(50 \pm 5)$  %. The measured water equivalent of the calorimeter was 0,0100910062 MJ/K

Test Specimen	PCS, MJ/kg
1	7,874
2	7,897
3	7,718
<b>Mean</b>	<b>7,800</b>

Table 1. Measured gross heat of combustion (PCS) of the product

	Value
Adhesion	Good to wood, brick, concrete, glass, metal and plastics
Colour	Black/Grey/White
Movement	+/-10% in lap and cover joints
Service temperature	-20°C - +90°C
Application temperature	+5°C - +30°C
UV resistance	Good
Chemical resistance	Good to diluted acids and alkalis
Expected life	15 to 25 years, depending upon temperature & joint design
Shelf life	12 months

## Application Advice

To achieve the performance required from a cartridge sealant or adhesive, please ensure the following is achieved:

1. Surface is clean, dry and dust free
2. Avoid cross contamination with chemicals (if unsure please see contact with your technical advisor)
3. System manufacturers guidance is followed with regard to grade of material for warranty purposes
4. System manufacturers guidance is followed with regard to positioning of material

Failure to follow these guidelines may impact on the longevity and success of the seal.

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. March 2024

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## Sealprem BR Storage and Transportation Advice

STORAGE TEMPERATURE: between 5°C and 30°C Ambient

TRANSPORT TEMPERATURE: between 5°C and 30°C Ambient

LOADING/UNLOADING TEMPERATURE: Ambient

STORAGE/TRANSPORT PRESSURE (kPa): Atmospheric

USUAL SHIPPING CONTAINERS: This product can be transported by shipping container. Where possible avoid any excessive heat and prolonged exposure. Continuous exposure may impact shelf life and product performance. Supplied in cardboard cartons.

MATERIALS AND COATINGS UNSUITABLE: None

STORAGE / HANDLING, GENERAL NOTES: Store in a cool, well-ventilated place. Do not store cartons of product near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Shelf life of 12 months in ambient conditions. However, this may be impacted due to extreme conditions outside of these parameters.

Storage temperatures between 5°C and 25°C would be advisable however storage outside of these temperatures is possible hence the terms cool and ambient.

IF STORAGE AND TRANSPORTATION IS BELIEVED TO BE BEYOND THESE CONDITIONS PLEASE CONTACT US TO DISCUSS FURTHER AS OVER EXPOSURE MAY IMPACT ON THE LONGEVITY AND SUITABILITY FOR AN APPLICATION