Issued: October 2018

Rapidstick PITBULL 201 Low Modulus Hybrid Sealant

PART NUMBER	AVAILABLE SIZE
CT-HBS-300	300ml Cartridge (Available in White, Black, Grey, or Clear)
CT-HBS-600	600ml Sausage (Available in White, Black, Grey, or Clear)

PRODUCT DESCRIPTION

Chemtools® Rapidstick PITBULL 201 Low Modulus Hybrid Sealant is a durable and flexible adhesive and sealant, designed to bond like an animal and seal just about anything. With its high initial grab, it offers excellent adhesion to both porous and non-porous surfaces, outperforming most glues, acrylics, PU adhesives, and buthylene sealants.

PITBULL 201 is suitable for delicate materials and flexible joints and can be applied as a universal filler for cracks and uneven surfaces. When used as a mounting adhesive, 201 offers multiple applications in the maintenance, building, and construction industries.

PITBULL 201 can be used in most environmental conditions. It offers almost no limitations with its suitability for almost all surfaces, including:

- All metals (incl. soft metals)
- All woods, including timber, MDF, chipboard, and cork
- Concrete, tiles, and bricks
- Natural stone, granite, and marble
- Mirrors and glass
- Polystyrene, Polyurethane, plaster, laminates, and most plastics

Common applications include:

- Weatherproofing joints around windows and doors
- Mounting panels, skirting boards, thresholds, mirrors and insulation materials
- Bonding glass in synthetic and aluminium profiles
- Sealing and bonding coated metal, porcelain, polyester, stainless steel, anodised aluminium, and finished wood.

TECHNICAL DATA SHEET BY **CHEMTOOLS PTY LTD** (ABN 12 114 400 083) • HEAD OFFICE/MANUFACTURING FACILITY: UNIT 2, 14 - 16 LEE HOLM ROAD ST MARYS NSW 2760
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DIRECTIONS (READ LABEL BEFORE USE)

PREPARATION: Surfaces must be clean and free from loose material, standing water, or contaminants which otherwise may impair the bond. Non-porous surfaces such as aluminium should be cleaned/degreased before application. It may be necessary to prime some porous surfaces depending on cohesiveness and porosity of the substrate.

For applications such as construction joints where some movement will be exhibited, the minimum joint dimensions should be 6mm x 6mm with the maximum dimensions being 20mm wide by 12mm deep. Where deeper joints are found, depth can be reduced using a suitable backer rod. For areas of perimeter pointing where a fillet is to be applied, the minimum measurement across must be 10mm with a minimum depth of 6mm.

APPLICATION:

Sealing: Apply firmly into the joint using an application gun, ensuring a good solid fill is achieved.

Bonding: Apply in vertical lines approximately 30cm apart. Support for 24 hours until full cure occurs.

The cured sealant can be painted if required, however, painting movement joints is not recommended as the movement of the sealant may be greater than the flexibility of the paint, leading to cracking or crazing of the paint film.

TECHNICAL DATA

Material Type	MS Polymer
Cure System	Moisture curing
Coverage	1 x 300ml cartridge will cover approximately 11 meters with a 5mm bead
Specific Gravity	1.4 – 1.6
Skinning Formation Time	Approx. 3 – 5 minutes (@ 23°C and 50% relative humidity) *Note: As the joint depth increases, the cure rate will slow down.*
Cure Rate	Approx. 2 – 3 mm per 24 hrs (@ 23°C and 50% relative humidity).
Shore A hardness (DIN 53505)	65 -75
Tensile Strength at 100% extension	> 3.0 Mpa
Frost Resistance During Transport	Up to -40°C
Application Temperature Range	15°C to 40°C
Service Temperature Range	-40°C to +90°C
Shelf Life (Unopened Cartridge)	12 months when stored in cool, dry conditions
Life Expectancy	When used and applied correctly, the sealant will perform in excess of 20 years.

FIRST AID & SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) before use.

Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for this product have been fully understood by all persons who will work with the material.

STORAGE

Keep out of reach of children. Store in a sealed container in dry conditions between 5°C - 25°C. Do not return any unused material to its original container.

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.

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