

## Product

Carrier made of high density closed-cell polyurethane foam with an acrylic adhesive layer on both sides.

## Application examples

- Bonding indoor and outdoor
- Bonding of metal or plastic in the caravan and truck industry
- Bonding of illuminated signs and mirrors
- Facade construction
- Windows and doors industry

## Colour

Black (anthracite) with blue polyethylene liner

**Thickness:** 0,80 mm and 1,60 mm

**Widths:** 6 to 1.350 mm

## Packaging

On a roll

In boxes, separated by a silicone paper

## Advantages/Properties

- ✓ limits corrosion between different materials due to lack of direct contact between them
- ✓ the stress distribution reduces the pressure points, minimising distortion
- ✓ the high-quality acrylic adhesive layer ensures long-term bonding
- ✓ excellent resistance to ageing and UV radiation
- ✓ restricts the use of or eliminates the need for mechanical fixings such as screws, rivets or welds
- ✓ improves the visual finish of the final product
- ✓ sustainable in all weather conditions
- ✓ very good resistance to UV radiation
- ✓ excellent resistance to mould, oxidation and ozone
- ✓ compatible with most plastics and painted surfaces
- ✓ Does not emit volatile organic compounds (VOCs)

## Application guide

The materials and substrate must be solid, dry, grease-, oil- and dust-free.

For maximum adhesion it is recommended to prepare the contact surface well by removing any traces of dust, soap or oil using the suitable cleaning agent type DOWSIL™ R-40 (based on a well-designed mixture of isopropanol and acetone - clear liquid).

DOWSIL™ R-40 is ideal for cleaning non-porous surfaces before applying self-adhesive PVC tapes. Compatible with glass, reflective glass, enamelled glass, metals and plastics. Packaging: Can of 1 or 5 litres. To be used with a soft, lint-free cloth.



## Technical properties

Property	Value + unit
Density (ASTM D-1667)	480 kg/m <sup>3</sup>
Temperature resistance	-40°C to +95°C
Application temperature	+15°C to +50°C
Elongation at break (ASTM D-412)	275%
Pressure at break (ASTM D-412)	896 kPa
Water absorption (NTP-36)	5% of the weight
Dynamic, adhesive rupture after 24 hours (aluminium/paint) (NTP-5)	689 kPa
Dynamic shear resistance after 72h on stainless steel (NTP-5)	827 kPa
Peel test at 180° after 15 min. on stainless steel (PSTC-101)	1.181 N/m
Storage	In a room at 21°C and 50% R.H.

Never remove the liner before applying the tape in the correct place. Do not touch the contact surface before applying the product.

The static weight should not exceed 35 g/cm<sup>2</sup>. It is recommended to carry out tests in advance in the actual situation of the adhesive. Do not use the V2800 on synthetic felt, coarse granulated concrete, damaged paint, coarse wallpaper or similar surfaces.



*Large choice of other double-sided adhesive tapes*

# CS-DS-V2800

## Application guide

The more the adhesive layer makes contact with the surface ("wet-out"), the better the bonding resistance will be.

When applying, it is advisable to apply the V2800 with the liner at the top and then press down with a certain pressure.

Do not remove the liner until just before joining the two surfaces to be bonded together and then apply enough pressure to achieve optimal contact.

The bonding resistance depends on the type of surface, the application temperature as well as the pressure time. If possible, allow a rest period of 24 hours before loading the substrate.

## General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 06-2010

The producer reserves the right to make changes. 2020 04 01