



# Den Braven

## Technical Data Sheet

### Hercuseal Superior High Tack 315

Non-staining adhesive with extreme initial tack



#### Product Description

Superior High Tack 315 is a high quality professional non-staining adhesive with extreme high grab properties based on hybrid technology

#### Benefits

- Non-staining
- Extreme high initial tack
- No need of fixation or support during curing
- High strength, high E-modulus and high mechanical resistance
- Free of isocyanates, phthalates, solvents and silicones
- Durable elastic
- No shrinkage and bubble free
- Non corrosive to metals
- Neutral curing, almost odourless
- Good resistant to weather and moisture
- Adheres perfectly without primer on most, even damp, surfaces

#### Applications

Superior High Tack 315 has been especially developed as a universal high initial tack adhesive for bonding many building materials that have a high risk of staining due to their porous structure, such as natural stone. For bonding HPL and cement fibre panels see Technical Bulletin.

#### Remark (1)

For bonding HPL and cement fibre panels see Technical Bulletins in the Knowledge Base on our website [www.denbraven.com](http://www.denbraven.com).

#### Directions Of Use

Apply adhesive with the provided V-nozzle in a 'ventilating way' in vertical stripes with 10-20 cm distance in between. Bring the materials into position and press well to make sure that the thickness of the adhesive is minimum 2-3mm between material and surface. Do not apply the adhesive in dots! Because of the high initial strength support during curing is usually not necessary. For further questions please contact our technical department.

#### Additional information

|  |                   |                           |
|--|-------------------|---------------------------|
| 100 % modulus                          | DIN 53504 S2      | 1,20 N/mm <sup>2</sup>    |
| Application rate                       | @ Ø2,5 mm/6,3 bar | 10-20 g/min               |
| Application temperature                |                   | +5°C to +40°C             |
| Base                                   |                   | Hybrid                    |
| Curing time                            | @ +23°C/50% RH    | 2-3 mm/24 hours           |
| Density                                | ISO 1183-1        | 1,54 g/ml                 |
| Elongation at break                    | DIN 53504 S2      | 400%                      |
| Flow                                   | ISO 7390          | < 2 mm                    |
| Frost resistance during transportation |                   | Up to -15°C               |
| Shorea hardness                        | DIN 53505 3 sec.  | 56                        |
| Skin formation                         | DBTM 16           | 10 minutes @ +23°C/50% RH |
| Temperature resistance                 |                   | -40°C to +90°C            |
| Tensile strength                       | DIN 53504 S2      | 2,20 N/mm <sup>2</sup>    |

*These are typical values*

#### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for continuous exposure to water



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- Not suitable for movement joints
- Not suitable in combination with chlorides (pools)

### Surface Preparations and Finishing

Application temperature +5°C to +40°C (environment and substrate). Surfaces must be dry, clean and solid. Clean surfaces with Zwaluw Cleaner. Superior High Tack 315 adheres perfectly without the use of a primer to most non porous substrates. Porous surfaces to be pre-treated with Zwaluw Primer B1. Always test adhesion prior to application.

### Cleaning

Uncured material and tools can be cleaned by using Zwaluw Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

### Colour(s)

- White

### Packaging


- Cartridge

*For product specifications, please refer to the Product Detail Page*

### Shelf Life

Store between + 5°C and + 25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

### Certifications

|   |                                      |
|---|--------------------------------------|
|  | EMICODE EC1 Plus – very low emission |
|---|--------------------------------------|

### Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

### Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

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