



# Den Braven

## Technical Data Sheet

### Hercuseal Crackle Free 120

Unique acrylic sealant which prevents paint problems



#### Product Description

Hercuseal Crackle Free 120 is a high quality acrylic sealant which is paintable with most water based and synthetic paints and prevents craze cracking and discoloration of paint.

#### Benefits

- Paintable with water based and synthetic paints
- Reduces craze cracking and discoloration of the paint
- Perfect adhesion without use of primer on most, even slightly damp substrates
- For interior and exterior use
- Almost odourless
- Easy to apply and clean
- Non corrosive towards metals

#### Applications

Hercuseal Crackle Free 120 was specifically developed for sealing connection joints between stairs, walls, ceilings, skirtings, windowsills, wooden and metal window frames, concrete and brick work and or filling cracks, screw- and nail holes in walls and ceilings of wood, plaster, gypsum, brickwork, concrete etc.

#### Directions Of Use

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of

joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm. For more information see the Technical Bulletin Joint Dimensions in the Knowledge Base on our website [www.denbraven.com](http://www.denbraven.com).

#### Additional information

100 % modulus	DIN 53504 S2	0,70 N/mm <sup>2</sup>
Application rate	@ Ø3 mm/4 bar	260 g/min
Application temperature		+5°C to +40°C
Base		Acrylic dispersion
Curing time	@ +23°C/50% RH	2 mm/24 hrs
Density	ISO 1183-1	1,66 g/ml
Elongation at break	DIN 53505/ ISO 868	200%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		7,5%
Shorea hardness	DIN 53505 / ISO 868	40
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-20°C to +75°C
Tensile strength	DIN 53504	0,70 N/mm <sup>2</sup>

*These are typical values*

#### Limitations

- Not suitable for continuous exposure to water
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- \*Exterior applications only in good dry weather conditions for at least 5 hours after application



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#### Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Substrates to be cleared of all loose particles, absorbent substrates do not need to be absolutely dry. Very porous substrates like: gypsum, airated concrete, limestone, etc, need to be primed with a mixture of 1 part Hercuseal Crackle Free 120 and 2 parts water. Always test adhesion prior to application. Finish and smooth with water.

#### Paintability

Hercuseal Crackle Free 120 is paintable after full drying of sealant. Fully paintable with water based and synthetic paints. We recommend testing compatability with paint prior to application.

#### Cleaning

Tools to be cleaned after use with water. Hands can be cleaned with Zwaluw Wipes and/or water and soap.

#### Colour(s)

- White

#### Packaging



- Cartridge

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

#### Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 18 months after production date, stored in a dry place.

#### Certifications

	Emicode EC1 Plus
	EN 15651-1: F-EXT-INT 7.5P

	A+ French VOC Regulation
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#### 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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