

# CCI NEOSEAL GPRS

## General-purpose Rubber Sealant

### Description

CCI NeoSeal GPRS is a high-quality multipurpose non-sag rubber sealant that, on exposure to the atmosphere, forms a durable elastomeric compound. CCI Neoseal GPRS is manufactured with strict quality assurance systems.

### Main Applications

CCI NeoSeal GPRS bonds well to a wide variety of substrates and is suitable for making permanent elastic seals of high adhesive strength.

- ✓ Joints around window, door frames
- ✓ Wood, Concrete, Granite
- ✓ Aluminium, G I Sheet, M. S. Panel
- ✓ Machinery surface, Tiles, Coating
- ✓ POP, U.B. Coat
- ✓ Skirting boards
- ✓ Walls and Ceilings
- ✓ External and internal crack filler
- ✓ Concrete expansion joints

### Advantages

- ✓ One pack formulation
- ✓ Elastic
- ✓ Odourless
- ✓ Resistant to ageing and weathering exposure
- ✓ Non-corrosive
- ✓ Can be overpainted
- ✓ Can be sanded
- ✓ Bonds well to a wide variety of substrates
- ✓ Excellent adhesion

### Chemical Resistance

CCI NeoSeal GPRS is resistant to fresh water, seawater, diluted acids, and caustic solution; temporarily resistant to caustic solution; mineral oils; vegetable and animal fats and oils; not resistant to organic acids, alcohol, concentrated mineral acids, and caustic solution. The above information is offered for general guidance only. Advice on specific applications will be given on request.

### Typical Properties

Chemical base	Rubber Acrylic
Colour	White / Black / Grey
Appearance	Thixotropic Paste
Cure Mechanism	Air Drying
Curing Speed	4 mm/24 hours
Density (Uncured)	1.2 to 1.3
Non-sag Properties	Good
Application Temperature	5°C to 40°C
Track-free time	15 minutes
Open time	30 minutes
Drying time	24 hours
Shrinkage	15% Maximum
Shore A-Hardness	~30 to 40
Tensile Strength	10 to 12 kg/cm <sup>2</sup>
Elongation at break	300 %
Service Temperature (Short Term / Permanent)	5°C to 80°C



### Method of Application

#### Surface Preparation

Surfaces must be clean, dry, and free from all traces of grease, oil, and dust. As a rule, the substrates must be prepared in accordance with the instruction given in.

## Application

Cut the tip of the cartridge and fix the nozzle. Use a cartridge gun and apply whenever required. **Sausage:** Place sausage in the application gun and ship of the closure clip. Cut the tip of the nozzle to suit the joint width and apply the sealant with sufficient pressure to the required gap, while application with pneumatic gun pressure must be regulated as per operator skill and requirement.

Do not apply at temperatures below 0°C or above 40°C. The temperature for substrate and sealant is between 15°C and 25°C.

## Tooling and Finishing

Tooling and finishing must be carried out within the tack-free time of the sealant. Other finishing agents or lubricants must be tested for suitability and compatibility.

## Removal

Uncured **CCI NeoSeal GPRS** sealant can be removed from tools and equipment with another suitable solvent. Once cured, the material can only be removed mechanically.

Hands and exposed skin should be washed immediately using any hand-cleaning towel or a suitable industrial hand cleaner and water. Do not use solvents or petrochemical solvents.

## Over Painting

The paint must be tested for compatibility by carrying out preliminary trials. The hardness and film thickness of the paint may impair the elasticity of the sealant and lead to cracking of the paint film.

## Packaging

Cartridges: 310 mL

**Colour:** White, Black. Other colours are available on request.

## Storage & Shelf life

4 months in original unopened packaging stored in a cool, dry place out of direct sunlight. Should be stored below 27°C.

## Health & Safety

No hazards with this product.

Before use, refer to the Material Safety Data Sheet (MSDS). The MSDS is available on [www.ccichemicals.in](http://www.ccichemicals.in) or contact us at [info@ccichemicals.in](mailto:info@ccichemicals.in).

## Quantity Estimator

Joint Size (mm)	m/kg
6 × 6	17
9 × 6	11
12 × 6	8
18 × 10	3.5
25 × 10	2.5

## Technical Support

CCI provides technical advisory service supported by teams of specialists in the field.

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