



# NuCote™

FLOORING PERFECTION

TECHNICAL DATA SHEET

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## NUCOTE GAP FILLER

### PRODUCT DESCRIPTION

**NuCote Gap Filler** is a single component, high tack adhesive, economical, flexible, paintable, water based acrylic general-purpose gap filler. It is suitable for use on wood, plaster, polystyrene, and polyurethane products. **Nucote Gap Filler** is a non-slump acrylic latex sealant in paste form. It has good application and finishing characteristics, forms a skin moderately, and may be painted or covered. **NuCote Gap Filler** is flexible and will accommodate small structural movements between components such as ceilings, window, and door frames. **NuCote Gap Filler** is suitable for both interior and exterior use.

### PRODUCT USES

The excellent bonding and painting ability of **NuCote Gap Filler** makes it ideal for a wide range of applications such as:

- ▶ Adhesive for cornices and ceiling roses.
- ▶ Adhesive for decorative plaster products.
- ▶ Sealing window and door frames.
- ▶ Sealing around ceramic tiles.
- ▶ Crack filling prior to painting.
- ▶ Gap filling of various substrates.

### PRODUCT ADVANTAGES

- ▶ Simple to apply and finish.
- ▶ Excellent adhesion to most materials.
- ▶ Fast drying.
- ▶ Permanently flexible.
- ▶ Can be painted.
- ▶ Adheres to damp surfaces (not wet).
- ▶ Cleans up with water before drying.
- ▶ Temperature resistance.
- ▶ Anti-bacterial properties.
- ▶ Environmentally friendly.

### PROPERTIES

DESCRIPTION	RESULTS
Form	Non-slump white paste
Colours	White
Physical or chemical change	Dries by water loss
Drying rate @ 20°C and 50 % RH	1 mm per day
Application temperature	5°C - 40°C
Service temperature	- 40°C - 100°C
Movement accommodation factor	5 % total ( ± 2.5 %)
Solids content	85 %
Solvent	Water
Elongation	30 %
Coverage	1m <sup>2</sup> / 1 L @ 1 mm thickness
Mass / L	1.624 kg
Tack free @ 25°C	1 hour @ 1 mm thickness
Through dry	24 hours
Service life expectancy	10 years

**NOTE:** The values given are average figures achieved in laboratory tests.

## PACKAGING

**NuCote Gap Filler** is supplied as a single component in 1 kg, 5 kg and 20 kg pack sizes.

## STORAGE & STABILITY

Store in a cool, dry place on pallets off the ground. Area always to be covered and avoid direct sunlight and high humidity. A storage temperature of 5°C to 40°C is acceptable. Shelf life is 6 months from date of manufacture in original packaging.

## APPLICATION INSTRUCTION

### SURFACE PREPARATION

All surfaces should be clean and free from oil, grease, or any other surface contaminants. Sand smooth any glossy surface. **NuCote Gap Filler** will bond to damp (but not wet) porous surfaces. For optimum results, **NuCote Gap Filler** should only be applied to dry surfaces with moisture of less than 10 %. **NuCote Gap Filler** requires no primer on common substrates, but surfaces which are very porous, friable or in poor condition may require treatment - consult NuCote Technical Services for advice. **NuCote Gap Filler** is resistant to rainwater once cured, but uncured **NuCote Gap Filler** may be washed from a joint by heavy rain soon after application. DO NOT apply sealant in unprotected areas if rain is likely or protect freshly sealed joints from the weather.

For a neat joint or gap seal, the sides of the joint should be covered with masking tape. Level off the joint with a spatula or index finger moistened in soap solution. Joint width should be no more than 20 mm.

For crack filling, cut the joint to a 3 – 4 mm gap, using a chisel or cutting disk.

Surfaces can be over-coated after 24 hours.

### USAGE

Number of kilos required: Width (mm) x depth (mm) x length (mm) x 0.0014

### TOOLING

The product may be applied by both hand-operated and air-powered guns as well as a spatula or putty knife. **NuCote Gap Filler** skins moderately, so tooling off surface should be done immediately after application. Use any smooth tool - metal, plastic, wood, etc - with sufficient pressure to ensure that **NuCote Gap Filler** firmly contacts all bonding surfaces. Good tooling helps give surface contact and provides the required surface finish.

## LIMITATIONS

- ▶ Not to be applied under water.
- ▶ Not suitable for water or chemical immersed joints.
- ▶ Shrinkage up to 10 %.
- ▶ Protect from freezing temperatures during storage.
- ▶ Short shelf life: 6 months
- ▶ The product should not be applied on un-primed/ unpainted steel surfaces.

## DISCLAIMER

Colours will always vary according to the printed version on our literature. These products are sold according to our standard terms and conditions of sale which is available on request and may not be overridden by any other legal documentation. Whilst the information contained herein is true, accurate and represents our best knowledge, the user must contact NuCote immediately should any complications occur. Site conditions, labour and application issues are out of our control and the contractor holds this liability. Figures for consumption are estimates and theoretical and do not allow for wastage, surface profiles that are not up to standard, porosity, variations in levels etc.

## SAFETY & HANDLING

Please read the Materials safety datasheet as supplied by us for this product to ensure compliance with the OHSA NO. 85 of 1993 act. The finished system is not hazardous to health or environment.

## HEALTH & SAFETY INFORMATION

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If inhaled move to fresh air. Consult a physician after significant exposure. If swallowed, clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. In case of skin contact, take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician when in contact with existing open wounds.

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data Sheet** containing physical, ecological, toxicological, and other safety-related data.

The Material Safety Data applicable to the handling of acrylic latex based raw materials should be read, understood, and rigidly adhered to. These are available on request from NuCote.

In accordance with ISO 9001:2015 and the Occupational Health and Safety Act (Act 85 of 1993), herewith Product and Safety Data Sheet.

We hereby confirm that we have received a Product and Safety Data Sheet for **NuCote™ Gap Filler** system and are returning the obsolete copies

**COMPANY NAME:**

**SIGNATURE:**

**NAME:**

**DATE:**

## CAUTION

The information contained in this bulletin is to the best of our knowledge true and accurate but any recommendations or suggestions, which may be made, are without guarantee since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.