

Flexbond NR900

Polychloroprene based adhesive and sealant



Description

Flexbond NR900 is a one component polychloroprene based adhesive and sealant specially designed to form a flexible and permanent bonding agent for the most common construction materials.

Applications

Flexbond NR900 is suitable for sealing and fixing several types of construction materials on common substrates like concrete, plaster, metal or wood surfaces.

Examples of construction materials that can be fixed using Flexbond NR900 include but are not limited to:

- ▲ Wood.
- ▲ PVC baseboard.
- ▲ PU beams.
- ▲ Metal corners.
- ▲ Plasterboards.
- ▲ Stones and ceramic units.

Advantages

- ▲ High adhesion strength with all common construction materials.
- ▲ Rapid strength development, fully cured within 48 hours.
- ▲ High service temperature resistance.
- ▲ Easy to use, single component adhesive.

Limitations

Flexbond NS900 is not recommended to be used with polystyrene insulation panels. For this kind of application, DCP's Thermofix Foam is recommended. Consult DCP's Technical Department for more information.

Method of Use

Surface preparation

All surfaces must be dry, clean and free from dust, oil, grease or any other contamination. If it is necessary to use a solvent to clean the surfaces, then the compatibility between the material and the solvent must be checked before. Leave the solvent till it's dry before starting with the application.

Technical Properties:

Appearance:	Thixotropic yellow paste
Density:	1.10 ± 0.05 g/cm ³
Solid content:	55 ± 5%
Open time:	5 min @ 20°C
Application temperature:	5 to 30°C
Temperature resistance:	-20 to 70°C

Application

Flexbond NR900 can be applied using a manual or pneumatic gun or by hand with a spatula. Apply strips or spots on the surface of the object that will be fixed and put it one on the substrate in order to transfer the adhesive to the substrate.

Take off the object that will be fixed and wait for few minutes (3 minutes for light objects and 5 minutes for heavy objects) then fix it back to the same position by applying a uniform firm pressure over the surface.

Cleaning

All materials and equipment should be cleaned using suitable organic based solvent like DCP Solvent and hardened material should be removed mechanically.

Consumption

Approximately 15 m length for each 300 ml cartridge on 5 mm diameter.

Packaging

Flexbond NR900 is available in 300 ml cartridges and 200 kg drums.

Storage

Flexbond NR900 has a shelf of 12 months from date of manufacture if stored between 5 and 25°C in closed original packaging.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Flexbond NR900

Cautions

Health and Safety

Flexbond NR900 should not come in contact with skin or eyes. Goggles and gloves should be used. It is important to have good ventilation during usage, and inhalation of vapours is prohibited.

In case of accidental contact, rinse immediately with clean water and seek medical advice.

For further information refer to the Material Safety Data Sheet.

Fire

Flexbond NR900 and DCP Solvent are flammable, do not use near naked flames and do not smoke during application.

More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

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