

CRL MSP290C is a high quality, professional adhesive based on hybrid technology which cures under influence of humidity to form a durable elastic rubber.

Technical Specifications	
Base	Hybrid
Density	1,06 g/ml
Curing Time	± 2-3 mm/24 hours
Elongation @ break	250%
Shore A	45 Shore A (DIN 53505)
Skin Formation	10 min (@23°C/55% RH)
100% Modulus	1,15 MPa (N/mm <sup>2</sup> )
Flow	< 2 mm (ISO 7390)
Application Rate	140 (g/min @3mm/4 bar)
Skin Formation	10 min (@23°C/55% RH)
Temperature Resistance	-40°C till +90°C
Application Temperature	+5°C till +40°C
Frost Resistance during Transportation	till -15°C

## Applications

CRL MSP290C has been especially developed as a universal construction adhesive for interior use. Bonding in cold storage cells and in food area.

## Benefits

- Durable, permanent elastic. Universal bonding for interior use.
- Fast curing. Wet in wet applicable.
- Free of isocyanates, solvents and silicones. No shrinkage and bubble free.
- Good resistant to water.
- Adheres perfectly without primer on most, even damp, surfaces.
- Neutral curing, almost odourless.
- Sandable and grindable after fully cured.
- Non corrosive to metals.
- High mechanical resistance strength and E-modulus.
- Absorbs acoustical and mechanical vibrations.

## Limitations

- Not suitable in combination with chlorides (pools)
- Not suitable for natural stone and mirrors
- Not recommended for direct contact with the perimeter of insulation glass, the edges of laminated safety glass or the bedding in of double glazed units

## Certifications

EN 15651-1: F-INT, ISEGA

## Surface Preparation

Application temperature +5°C to +40°C (environment and substrate). Surfaces must be dry, clean and solid. Clean surfaces with CRL Cleaner. CRL MSP290C adheres perfectly without the use of a primer to most non porous substrates. Porous surfaces to be pre-treated with CRL Primer B1. Always test adhesion prior to application. Use CRL Finisher to smooth the joint.

## Paintability

CRL MSP290C is perfectly paintable with most common water based and most 2 component paints. Synthetic paints can dry slower.

## Directions of Use

Apply adhesive in a 'ventilating' way in vertical stripes with 10-20 cm distance in between. Do not apply the adhesive in dots! The use of two sided adhesive tape, 3 mm thick is recommended to support the adhesion during the first 24 hours and to make sure that the thickness of the adhesive is right. For further question please contact our technical service.

## Cleaning

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

## Shelf Life

In unopened original packaging between +5°C and +25°C, shelflife till 18 months after productiondate, stored in a dry place.

## Health & Safety

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

## Warranty & Guarantee

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