



## REID CONSTRUCTION SYSTEMS

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### Reids® DM-10

**Product Code:** 20020  
**Product Name:** Reids® DM-10

#### Description

Reids® DM-10 high-quality, elastic one component joint sealant based on polyurethane.

#### Characteristics

- Easy to apply
- Permanently elastic after curing
- Very good adhesion to many materials

#### Technical Data

Base	Polyurethane
Consistency	Staple Paste
Curing System	Moisture Cure
Skin Formation	ca 20 minutes (20°C/65%R.H)
Curing Rate	2mm/24hrs (20°C/65%R.H)
Hardness	25± 5 Shore A
Shrinkage	2 - Max. 7%
Specific Gravity	1,25
Temperature Resistance	-30°C until +90°C
Elastical Recovery	80°C
Maximum allowed distortion	25%
Elasticity modulus 100%	0.25 N/mm <sup>2</sup> (DIN 53504)
Breaking Strength	0.60 N/mm <sup>2</sup> (DIN 53504)
Elongation at break	>600% (DIN 53504)

#### Applications

- All usual building joints
- Expansion joints between many different construction materials
- Expansion joints in industrial floors
- Connection joints between window and doorframes and walls

#### Packaging

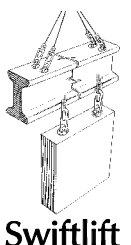
**Colour:** Grey  
**Packaging:** Sausages 600ml

#### Shelf Life

1 year in unopened packaging in a cool, dry storage place at temperatures between +5°C and +25°C.

#### Surfaces

**Types:** Most of the usual building substrates, except glass  
**State:** Clean, dry, free of dust and grease  
**Preparation:** For certain porous surfaces, apply Primer 150 (consult Holdfast Primer table), no primer required for non-porous surfaces; for some plastics and



Painted surfaces the use of Surface Activator is required.

#### Joint Size

Minimum Width:	5mm
Maximum Width:	30mm
Minimum Depth:	5mm
Recommendation:	2 x depth = width

#### Application

Method:	applicator gun (hand or pneumatic)
Application temperature:	+1°C to +30°C
Clean:	White spirit immediately after use
Repair:	Reids® Bison Façade

#### Application Limitations

- When painted with oxidative drying paints disturbances in the drying of the paints may occur.
- Reids® DM-10 not be applied to frost-bearing surfaces or if temperature will be below freezing
- The suitability of this product, for each intended use, must be determined by the purchaser prior to acceptance
- When painted with oxidation drying paints disturbances in the drying of the paint may occur.
- Pre-testing for adhesion is intended to eliminate potential field problems. This testing will aid in determining the proper surface preparation method.

#### Health and Safety Recommendation

Apply the usual industrial hygiene

#### Tests and Certifications

Belgium: Permanent Technical Approval ATG 1709 (NIT 107)

England: WRC approval 9406515 – Suitable for contact with potable water – cold water use – tested to BS6920.

#### Remark

*The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments*

Last Updated: 01 May 2006