

TREMCO[®]

PROSYTEC

**PROTECTION
& REPAIR**

EA DYMONIC NT
n° 6.05 M.6b

6.5M.6b

APRIL 2003

n° FICHE
TECHNIQUE

DYMONIC NT



HIGH PERFORMANCE ONE PART LOW MODULUS POLYURETHANE ELASTOMERIC SEALANT

KEY BENEFITS SUMMARY

- One component, ready for use.
- Excellent unprimed adhesion to most building substrates.
- Wide movement accomodation :
+ 100 % / - 50 %
- Good resistance to UV, weathering and ageing.
- Rapid cure, even at low temperatures and low humidity.
- Standards : Dymonic NT meets the requirements of BS EN ISO 11 600F-25LM, DIN 18540 F, SNJF élastomère 1ère cat. and VTT. Conform to US Federal Specification TT-S-230 C, Type II, Class A and ASTM C 920 Type S, Grade NS, Class 25 Use NT, G, A and M.

PRODUCT INFORMATION

DESCRIPTION

DYMONIC NT is a high performance, low modulus, one part, moisture curing polyurethane sealant.

USAGE / PURPOSE

DYMONIC NT is a versatile joint sealing compound for building construction. It is used in civil and industrial expansion and connecting joints in architectural and heavy construction, between concrete, brickwork, natural and artificial stone, steel, aluminium, wood, ceramic tiles, rigid plastics etc ...

Designed for sealing dynamically moving joints in precast concrete construction and curtain wall joints.

Suitable for sealing wide vertical joints up to 100 mm, also for perimeter caulking and bedding of windows, doors, panels etc ...

LIMITATIONS

DYMONIC NT is NOT recommended for :
- prolonged immersion in water
- horizontal joints in floors or decks

Do not apply over damp or contaminated surfaces.

TECHNICAL INFORMATION

COMPOSITION

DYMONIC NT is a one part moisture curing polyurethane sealant.

CHARACTERISTICS (Typical Values)

- Specific gravity :	1,28
- Consistency :	Pasty
- Sagging :	Non-sag

DYMONIC NT

- Skin forming time :
40 minutes at 23°C and 50 % H.R
- Cure rate :
4 mn / 24 h at 23°C and 50 % H.R.
10 mn / 6 days at 23°C and 50 % H.R
- Tensile strength (ISO 8339)
0,26 MPa
- Ultimate elongation (ISO 8339) : > 634 %
- Modulus at 100 % elongation (ISO 8339) :
0,13 MPa
- Hardness Shore A' 15
- Service temperature range :
- 40°C to + 90°C
- Movement capability (ISO 9047)
+ 100 % / - 50 %

USAGE GUIDELINES

Surface preparation :

Joint faces should be clean, dry, sound and free from grease and any other contaminants likely to impair adhesion.

Loose friable material must be removed and arrisses made good.

Sealant backing :

Install smooth faced, closed cell polyethylene foam rod under 20% - 30% compression.

Sealant backing is installed to :

- Prevent sealant adhesion to the rear of the joint pocket - " Three sided adhesion " -
- Control the depth of the sealant
- Provide a firm base for tooling

Where joint depth is insufficient to allow the use of a polyethylene foam rod, a silicone faced self-adhesive bond breaker tape should be used.

Priming:

Les informations délivrées ci-dessus sont données en de bonne foi et dans l'état de nos connaissances actuelles. Nous recommandons à nos utilisateurs, avant de mettre notre produit en oeuvre, de s'assurer qu'il convient exactement à son emploi. Les conditions de garantie de ce produit sont régies par nos conditions de vente, les usages et la législation.

DYMONIC NT provides excellent unprimed adhesion to most common building substrates.

Prosytec

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Method of application :

- Application should be in accordance with the BASA/CIRIA publication " Manual of Good Practice in Sealant Application ".
- Apply between + 5°C and + 50° C using conventional skeleton gun.
- All beads should be tooled after application to ensure firm, full contact with the joint faces.

Coverage rate table :

(Approximate Linear Metres per 600 ml sausages)

Width	3 mm	6 mm	10 mm	20 mm
Depth (min)				
3 mm (min)	66,6	-	-	-
6 mm	-	16,6	10	-
10 mm	-	-	-	3

Cleaning :

Immediately remove excess sealant and smears adjacent to the joint (use masking tape where appropriate). Equipment may be cleaned with Xylol or Toluol while sealant is in an uncured state.

Colors

White, off white, precast white, ivory, buff, light grey, dark grey, bronz, aluminium stone, black and redwood tan. Other colours - subject to availability / minimum order quantity.

PACKAGING AND STORAGE

600 ml sausage packs (20 per case)

Store in dry conditions between + 5°C and + 25 °C. he storage temperature should not exceed + 25 °C for extended periods of time. Keep away from heat sources.

Shelf life : 9 months when stored in its original unopened packaging.

HEALTH & SAFETY DATA SHEETS

They must be read and understood before use.

CUSTOMER SERVICE

For any questions and technical assistance, please call :

■ **Téléphone : 01 34 58 57 01.**

Technical & Safety Data sheet are available on :

■ **Internet :**

[http // www.tremco-prosytec.com](http://www.tremco-prosytec.com)

■ **e@mail :prosytec@tremco-prosytec.com**