

DOMOSTYL® LIGHT Mouldings and Accessories



1. MATERIAL

Product name:

DOMOSTYL® LIGHT facade mouldings and consoles.

Constituent material:

High-density, rigid polyurethane foam.
100% without CFC.

Density:

200 kg/m³.

Tensile strength (according to standard ISO 1926):

Breaking strain: 1.6 N/mm².
Breaking elongation: 29.5 %.

Bending strength (according to standard ISO/DIS 1209):

Breaking strain: 2.41 N/mm².
Rupture deflection: 15.9 mm.

Primer applied at the factory:

Water-based non-inflammable primer.



NMC sa reserves the right to update the product line or its technical features to the state-of-the-art technology anytime and without previous announcement. All given information is to the best of our knowledge. If you have any questions concerning technical details please contact the NMC NMC sa information service. Any partial reproduction or reprint shall require our explicit approval.

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2. SPECIFIC PROPERTIES

Temperature without deterioration:
75°C

Apparent surfaces:

Surfaces are covered with a protection film and a brown acrylic primer. Horizontal surfaces are slanted (2°) for an easier water flow.

Gluing surface:

Milled surface for better adhesion and fixing of the glue.

Fire classification:

B2 according to standard DIN 4102 - 1

Dimensions:

Profile length: 2 m (tolerance \pm 5 mm)

3. USE

Storage:

Flat, away from the sun and damp.

Backing surface:

Surfaces must be clean, dry, free from dust, degreased and flat. If the product is to be applied to particular backing surfaces, please consult our technical department.

Tools:

HDPS-PU saw and NMC-VARIO / VARIO PLUS mitre-box.

Conditions of installation:

When the temperature of the surrounding air and the backing material is higher than 5 °C and lower than 30°C. Work shall be protected from direct sunlight until the adhesive has completely set.

Surface work:

DOMOSTYL® LIGHT facade mouldings and consoles can be painted without any problem with solvent-free paints (e.g.: dispersion paints, acrylic lacquers, etc.). If paints with solvents or other products are used, it is advisable to test them first. No paints containing silicates! Note: for further details, you can also contact our technical department.

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Gluing:

Two adhesives are existing: A hybride adhesive specially conceived for an adhesion on polystyrene plates and a single component mastic adhesive, made from polyurathane, that can be used on almost all traditional supports but polystyrene plates (see the data sheets of the glue)

4. SPECIAL INSTRUCTIONS

Environmental protection:

DOMOSTYL® LIGHT facade mouldings and consoles are manufactured without CFC.

Regulations concerning dangerous substances:

DOMOSTYL® LIGHT polyurethane products are neither classified under "very toxic" nor under "toxic", according to the regulations concerning dangerous substances.

5. BACKING SURFACES

Prepare surfaces according to the following elements:

Backing:	Preparation:
a. Whitewash or cement coat	The coat must be dry. Clean the coated surfaces with compressed air and rinse.
b. Fibrocement	Eliminate shuttering oil, greases and waxes. If necessary, clean with compressed air and rinse.
c. Concrete	Eliminate shuttering oil, greases and waxes. If necessary, clean with compressed air and rinse.
d. Cellular concrete	Consult the headings of the technical data sheets concerning plasterwork with cellular concrete.
e. New synthetic fibre coats and insulation gluing system	Check the hardening state of the product and the setting of the coat.
f. Old, sound, synthetic fibre backing materials or dispersive materials	Check adhesion. Eliminate dust. Treat crumbly backing surfaces with care.
g. Old resistant layers of lacquer or oil paint	Clean thoroughly. If necessary, wash (with detergent) and rinse.
h. Highly absorbent, old coats with silica, whitewash or cement	Brush, clean, remove loose particles. Clean the coated surfaces with compressed air and rinse.
i. Old coats of paint of crumbly, cracked or flaky coats	Thoroughly remove residue using dispersive removers. If necessary, clean using a steam or high-pressure appliance.