

INDEX

DOMOSTYL®

■ MOUNTING

1.	PREPARATION OF THE SUBSTRATE	4
2.	CLIMATIC CONDITIONS	4
3.	MARKING THE POSITION	4 – 5
4.	CUTTING	6
5.	GLUING	6 – 7
6.	TREATMENT OF THE JOINTS	7
7.	MECHANICAL FASTENING	8
8.	CONTACT SURFACE MOULDING/FACADE	10
9.	FINISHES	10

■ ADDITIONAL INFORMATION

1.	CONSTRUCTION OF WINDOW SILLS	10 – 11
2.	SPECIAL CASES	11 – 12
3.	AVERAGE CONSUMPTION OF THE DOMOSTYL® GLUE	13
4.	TECHNICAL ASSISTANCE	14
5.	WARRANTY	14

DOMOSTYL® CUSTOMIZED

■ MOUNTING

1.	PREPARATION OF THE SUBSTRATE	15
2.	CLIMATIC CONDITIONS	15
3.	MARKING THE POSITION	15 – 16
4.	CUTTING	17
5.	GLUING	17 – 18
6.	TREATMENT OF THE JOINTS	18 – 20
7.	MECHANICAL FASTENING	21 – 26
8.	CONTACT SURFACE MOULDING/FACADE	26
9.	FINISHES	27

■ ADDITIONAL INFORMATION

1.	CONSTRUCTION OF WINDOW SILLS	27 – 28
2.	SPECIAL CASES	28 – 29
3.	TECHNICAL ASSISTANCE	30
4.	WARRANTY	30

FIELD OF APPLICATION

DOMOSTYL®

DOMOSTYL® offers a unique concept of decorative sections for façades of high-density polyurethane that make it possible without delay to put the finishing touches on façades in the course of renovation or construction. Robust and highly resistant, these products give a façade style and character, while combining speed and ease of mounting. DOMOSTYL® mouldings meet the current requirements of construction and renovation.

DOMOSTYL® offers a range of decorative elements for façades that includes string courses, window sills, window/door frames, rosettes, headers, boss stones, consoles, and keystones.

DOMOSTYL® CUSTOMIZED

With this new concept, NMC is in a position to work on demand, no matter what type of moulding, and to produce any type of moulding, both insofar as far as the size and the shape are concerned, both for new builds and renovations. The product was originally designed for areas that are not highly stressed (impacts, blows). For applications at the street level, or under more restrictive circumstances, please refer to the point TECHNICAL ASSISTANCE p. 30.

DOMOSTYL® CUSTOMIZED makes it possible to produce in particular string courses, window sills, window/door frames, rosettes, headers, boss stones, consoles, keystones, columns, pilasters, etc. NMC considers all requests, even the most original.

The following substrates are authorized for DOMOSTYL® and DOMOSTYL® CUSTOMIZED:

- core of poured concrete
- coated masonry
- uncoated masonry
- masonry clad with a hydraulic MPL coating (mortar, plaster, lime): in this case a cap is compulsory. In addition, mechanical fastening is necessary on this substrate with DOMOSTYL® and DOMOSTYL® CUSTOMIZED
- external thermal insulation (ETI): in this case mechanical fastening is necessary with DOMOSTYL®

DOMOSTYL®

MOUNTING ON TRADITIONAL & ETI SUBSTRATES



1. PREPARATION OF THE SUBSTRATE

Whatever the substrate, it must be clean, not powdery, not greasy, dry and in good condition. Old paint and other organic coverings must be scraped off and stripped before installation of the mouldings. The surfaces must be flat; a maximum deviation of 1 cm per metre is tolerated. If need be, renovation of the substrate is required.

Important note for mounting on ETI: It is advisable in all cases to comply with the instructions of the manufacturer of the sub-coating reinforced with ETI to ensure that is completely dry before the installation of the mouldings and using mechanical fasteners.

2. CLIMATIC CONDITIONS

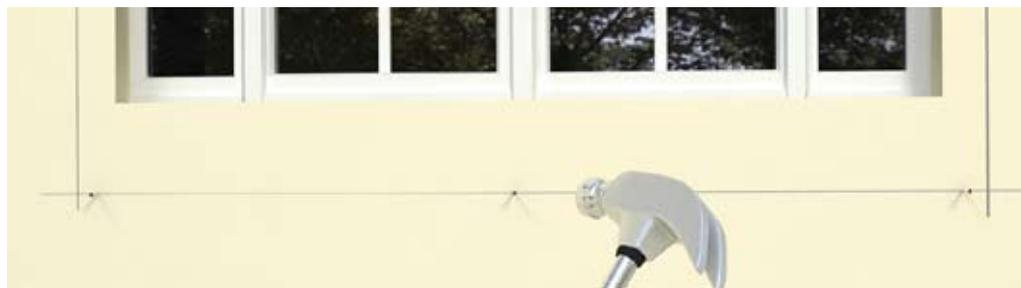
Installation is done in dry weather, on a dry substrate and at temperatures higher than 5°C. Special precautions can be taken to respond to these conditions: covering the scaffolding with a tarpaulin and heating, drying of the surface before the application.



[3A]

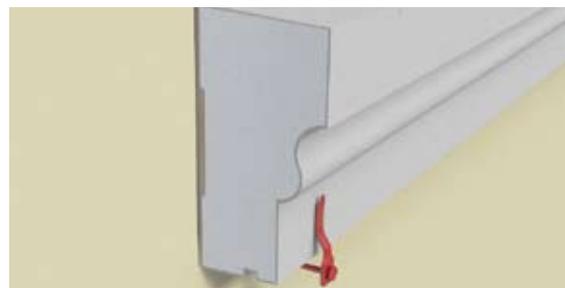
3. MARKING THE POSITION

[3A] With the help of a chalk line, mark the position of the sections on the façade.



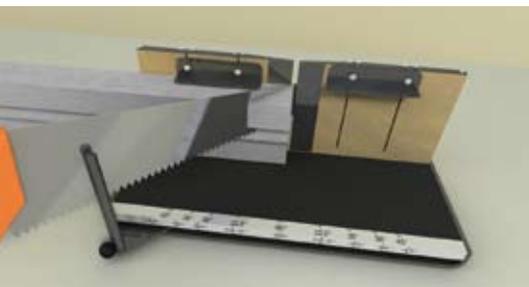
[3B]

[3B] Drive the nails into the concrete on the lower line in order to hold the moulding in place (3 nails per length of 2 m). The nails will be pulled out after 24 hours.



[3C]

[3C] To make mounting easier, NMC recommends the use of pegs to hold the moulding flat on the substrate. After 24 hours the nails and pegs can be removed.



4. CUTTING

■ Cut the mouldings with an appropriate tool. We advise the use of NMC tools adapted to the size of the mouldings (in particular: VARIO cutter box with handsaw).



5. GLUING

■ To glue the mouldings, NMC recommends the use of the adhesive DOMOSTYL® Hybrid which is packaged in cartridges.

■ The adhesive DOMOSTYL® Hybrid is also recommended for applications on ETI, whether on mineral or organic backings. On organic backings it is advisable to make preliminary tests. On traditional backings, NMC recommends the use of the adhesive DOMOSTYL® PU.

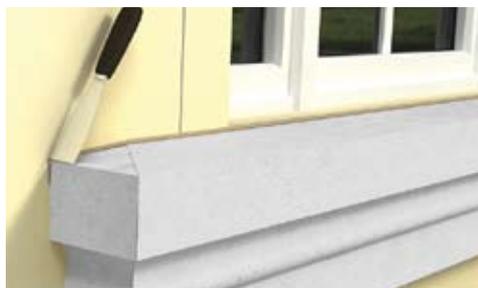


[5A]

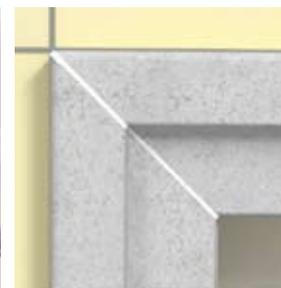
[5A] Proceed by single pasting to the back of the section, using an extruder nozzle. Lay down a good thick line of adhesive without a break, over the entire perimeter of the surface of the moulding ± 5 mm from the edge. In order to ensure good waterproofing, the line cannot be interrupted.



[5B]



[5C]



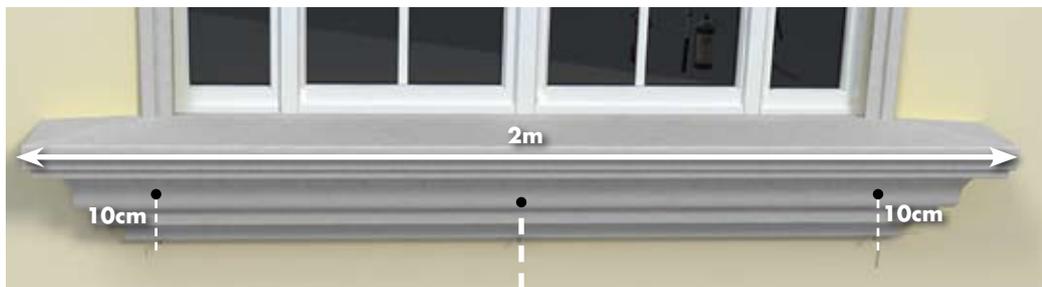
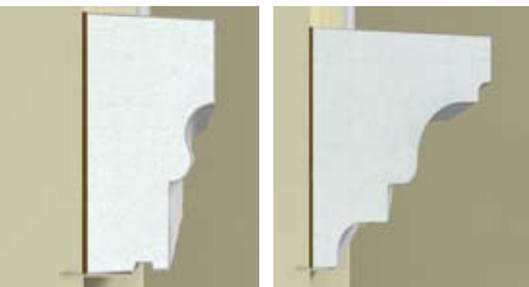
[5B] Then continue to lay down lines of adhesive over the entire surface to be glued (lengthwise on the moulding), spaced at ± 3 cm intervals.

Average consumption of the adhesive DOMOSTYL® Hybrid: see page 13.

[5C] Once the moulding is positioned, remove the surplus glue with the help of a spatula.

6. TREATMENT OF THE JOINTS

■ Use the same adhesive for the treatment of the joints and mitre cuts. Between each length, take care to leave the joint well filled with an adhesive layer of ± 3 mm; this will be smoothed with a spatula and made invisible.



[7A]

7. MECHANICAL FASTENING

■ In what cases is it necessary to use mechanical fastening in addition to gluing?

This is necessary:

→ when the overhang is greater than 7cm (large-sized moulding) whatever the type of substrate;

→ on backings of the MPL* and ETI type whatever the size of the moulding;

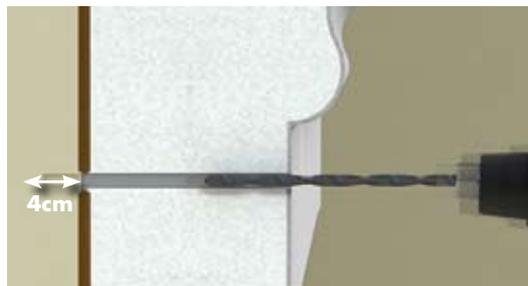
→ on window sills on all substrates whatever the size of the moulding.

■ Mechanical fastening is always done once the gluing is completed (after 24 hours of drying). It is done with dowels.

[7A] Use 3 dowels for a length of 2 m in a pattern of one dowel in the centre and two others 10 cm from each end. For a different length, adapt the number of fasteners proportionally.

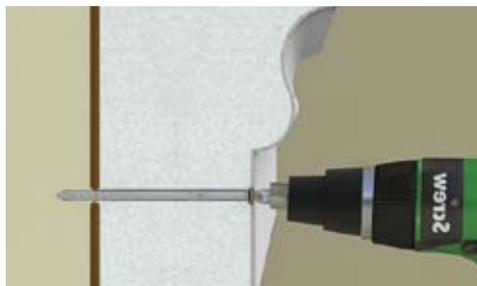
■ The type of dowel remains identical whatever the foundation (hollow or filled): SPIT NYLON min. 8 mm dowel to be hammered in, expansion opened by "nail/ screw". The expansion casing of this dowel is made of nylon with two anti-rotation fins and ends in a flange to hold it in place. The screw is bichromate galvanized steel. In the event of use with hollow materials, it is necessary to conduct tests in advance.

* mortar, plaster, lime



[7B]

[7B] Check to see that the moulding is well adhered to the wall. Drill at the right diameter and at the right depth. The anchorage in the substrate must always be a minimum of 4 cm.



[7C]

[7C] Slide the dowel into the hole. Insert the screw into the dowel, drive it in with a hammer and finish by screwing it in.



[7D]

[7D] Countersink the head of the screw in the interior of the moulding with the adhesive DOMOSTYL® Hybrid. To remove spots of Hybrid glue on the products or the tools, use White-spirit.

DOMOSTYL®

ADDITIONAL INFORMATION



8. CONTACT SURFACE MOULDING/FAÇADE

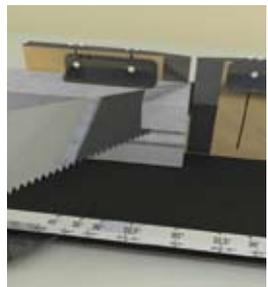
[8A] In order to avoid infiltration of water between the moulding and the substrate, it is essential to put down a waterproof seal with the DOMOSTYL® Hybrid adhesive over the entire outer edge of the moulding. This will be immediately smoothed with a finger and may not contain any break.

9. FINISHES

■ The DOMOSTYL® CUSTOMIZED façade mouldings must be painted exclusively with acrylic paint intended for façades. NMC recommends applying a minimum of two coats of paint. The mouldings can be painted 12 hours after installation.

1. CONSTRUCTION OF WINDOW SILLS

■ The DOMOSTYL® mouldings selected for constructing window sills must be adapted to suit the dimensions of the opening. They have a slope of $\pm 5\%$ on the upper part and a drip groove on the underside in order to facilitate water drain-off.



[1A]



[1A]



[1B]



[2A]

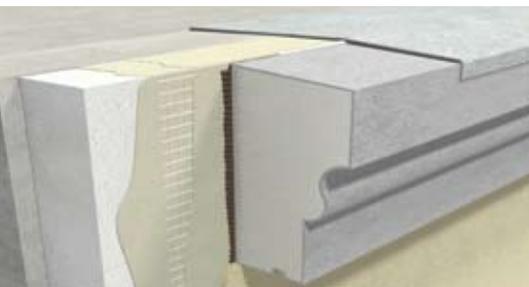
[1A] The ends of the window sills must be finished with corners cut at 45° (mitre cuts). To save time, the ends (corners cut at 45°) can be assembled with the window sill before fastening to the façade (the day before, for example) or if not, at the same time as the installation.

[1B] When the DOMOSTYL® mouldings are installed as a window sill, it is always necessary to make sure that there is a good jointing between the window sill and the opening by installing a covering made of zinc or aluminium.

2. SPECIAL CASES

Certain cases necessitate a special mounting. Please refer to the illustrations:

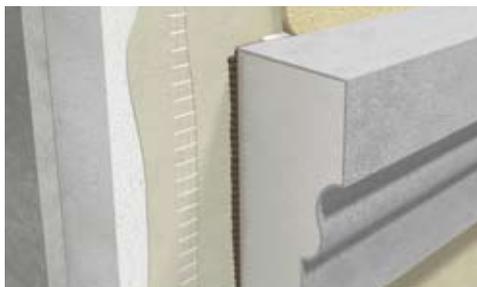
[2A] Rainwater pipes. When a rainwater pipe is present, the moulding must be cut on both sides and must end with a 45° mitre cut.



[2B]

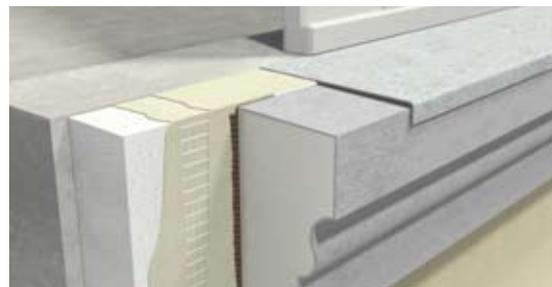
[2B] Moulding on the upper part over ETI

When the moulding is in an acroterion (for example in the junction with a flat roof), a zinc cap has proven to be indispensable.



[2C]

[2C] Installation of a string course on ETI



[2D]

[2D] Handling of window sills on ETI

3. AVERAGE CONSUMPTION OF THE DOMOSTYL® HYBRID ADHESIVE (290 ML CARTRIDGE):

DOMOSTYL®	Traditional substrates		External thermal insulation (ETI)	
	m/cartridge	consumption/m	m/cartridge	consumption/m
Doors or window frames				
NA, MA2	4-4,5 m	65 ml/m	2-2,5 m	130 ml/m
MA1, MA3, MA10, MA11, MA12, MA13, MA14	2-2,5 m	100-120 ml/m	1-1,5 m	200-240 ml/m
MA15	1,5-2 m	130-170 ml/m	0,5-1 m	260-340 ml/m
MA16	3-5 m	65-85 ml/m	1,5-2,5 m	130-170 ml/m
String courses				
MA20, MA22	2-2,5 m	120-150 ml/m	1-1,5 m	240-300 ml/m
MA21	2-3 m	100-140 ml/m	1-1,5 m	200-280 ml/m
Window sills				
FA10, FA11, FA13	1-1,5m	150-200 ml/m	0,5 m	400 ml/m
FA12, FA14, FA15	2-2.5 m	120-150 ml/m	1-1,5 m	240-290 ml/m
Rosettes				
RA3	12 pces	20 ml/pce	6 pces	40 ml/pce
RA4	7 pces	40 ml/pce	4 pces	75 ml/pce
Consoles				
CA11, CA12	9 pces	30 ml/pce	5 pces	60 ml/pce
CA10	7 pces	40 ml/pce	4 pces	75 ml/pce
Boss stones				
BA10, BA11	5 pces	60 ml/pce	2 pces	120 ml/pce
Keystones				
SA1, SA2	5 pces	60 ml/pce	2 pces	120 ml/pce
Headers				
GA1, GA2		290 ml/pce		580 ml/pce
GA3, GA4		450 ml/pce		900 ml/pce



4. TECHNICAL ASSISTANCE

NMC offers technical assistance for starting up every work site, whatever its size. In addition, NMC technical advisors are at your disposal for any additional information. They will be able to help you resolve special cases. For help with any question, please do not hesitate to contact your sales representative.

5. WARRANTY

On our Domostyl products, we guarantee the following characteristics for a period of 10 years (as of the production date):

1. Respect of the tolerances agreed upon between the parties.
2. The state of the surface in accordance with the reference samples.

The above-mentioned list is restrictive and exclusive. The above-mentioned warranty only applies if the product has not been damaged as a result of exterior contact, either mechanical or chemical, and if it has been stored in good conditions in its original packaging and away from light.

NMC sa does not, in any case, guarantee any damage resulting from the installation. We strongly advise our installers to take on decennial liability insurance to cover the installation. NMC sa reserves the right to examine the damaged goods. If required, the claimant is obliged to return the defective articles to NMC sa.

Should certain products no longer conform to the two above-mentioned points, NMC sa will bear only the expenses for the replacement product, but will not, in any case, bear the costs of dismantling the defective product, or reinstallation, nor any other direct or indirect expense.