TECHNICAL DATA SHEET
arstyl® Flex
MOULDINGS

1. MATERIAL

Product name:
arstyl® Flex mouldings

Constituent material:
High-density, yellow, flexible polyurethane foam
100% without CFC

Density:
Approx. 21.8 pounds/cu ft (350 kg/m^3)

Factory finish:
Matt white acrylic primer to be painted

2. SPECIFIC PROPERTIES

Visible surfaces
The manufacturing technique guarantees a hard and smooth surface, with sharp edges, and the exact reproduction of the motif.

Gluing surfaces:
Slanted surfaces (2°) for easier fitting, milled for better glue adhesion.

Dimensions:
Length of a moulding: 6.56 ft – tolerances 5/8” (2m – tolerances 15mm).

Ageing behaviour:
The oven drying of our products guarantees their dimensional stability in time.

Thermal and hygrometric dilatation:
Tests have shown that the material has a behaviour close to that of wood: its dimensions can undergo the influence of variations of temperature and more particularly of humidity.
The same precautions of use are applied.
Compliance with fitting and storage requirements and good gluing are enough to ensure the quality and the lasting of the product.

3. USE

Fitting and storage conditions:
For the best result, the product will be fitted and stored in conditions close to those of final use. Fitting on a wet backing surface (fresh plaster) and in forced drying conditions (heat gun, dehumidifier, exceptionally high temperature) are to be ruled out.

Backing:
The following backing surfaces are suitable: indoor plastered or papered surfaces, coated plaster, cement, wood, etc.
Surfaces must be clean, dry, free from dust, degreased and flat; rough down if necessary.
If the product is to be applied to particular backing surfaces, please consult our technical department.

Tools:
NMC-Multi-Cut saw and NMC-Vario mitre-box.

Adhesive and joints:
Adefix® P5 adhesive compound for NMC mouldings.
The optimum thickness of the glue is 1/16" (1 mm).
Apply glue to the whole of the joints and surfaces to be glued.
Leave a 1/16" to 1/8" (3-mm) joint filled with adhesive at each join.
Like any adhesive, the adhesive compound is not used below 46°F (8°C), above 86°F (30°C) or in strong direct sunshine. It is also recommended reinforcing the moulding with some carefully applied nails. arstyl®'s exclusive dowelling system represents a further aid to fitting.

Surface work:
arstyl® Flex mouldings can take all paints thanks to the coat of primer applied at the factory, except for silicate products.

Maximal radius:

The table shows you the minimum curve range tolerated for each item in the arstyl® Flex range.

Product	Dimensions in inch	Minimum radius of curvature in feet
Z 1 Flex	**4 9/16 x 4 1/8**	**55 1/8''**
Z 10 Flex	**1 9/16 x 13/16**	**15 6/8''**
Z 13 Flex	**3 1/8 x 13/16**	**21 5/8''**
Z 15 Flex	**1 9/16 x 1 9/16**	**61''**
Z 16 Flex	**2 ¾ x 2**	**64 7/8''**
Z 18 Flex	**2 ¾ x 2**	**78 ¾''**
Z 19 Flex	**3 1/8 x 3 1/8**	**98 3/8''**
Z 30 Flex	**3 1/8 x 3/4**	**35 7/16''**
Z 31 Flex	**3 1/8 x 3/4**	**35 7/16''**
Z 32 Flex	**3 1/8 x 3/4**	**35 7/16''**
Z1240 Flex	**1 5/8 x 1 5/8**	**61''**

This information is provided purely for indicative purposes

4. SPECIAL INSTRUCTIONS

Regulation concerning dangerous substances:
arstyl® polyurethane products are to be classified neither under “very toxic” nor under “toxic”, according to the regulations concerning dangerous substances.

Environmental protection
All arstyl® flex products are free from solvents, C.F.C. and their manufacturing process respects the environment.

Important note
The elements are strictly decorative to the exclusion of any structural function; they are not designed to withstand loads and should be isolated by flexible joints from elements likely to convey strains or movements.

Note: This technical data sheet has been drafted in accordance with the current state of our knowledge. We reserve the right to make changes without prior notice.
Without a written agreement to the contrary, our studies, descriptions, notices, advice or other technical documents concerning the functionality, behavior or performance of goods are supplied as an indication only according to the common use of the goods under normal conditions of application, use and climate (European temperate regions), or those indicated to us by customers in writing. Save for existence of fraud or gross negligence on our part, these studies, recommendations and other technical documents do not engage our liability. It is the customer’s responsibility to check that they are suitable for the intended use.