



SOLID SYSTEM

TECHNICAL DATA SHEET

Profile type	Facade panels
Material	PP
Width total/ utility	SB.P. – 1,125±0,003 m / 1m SS.P. – 1,125±0,003 m / 1m SSA.P. – 1,120±0,003 m / 1m
Height total/utility	SB.P. – 0,440±0,003 m / 0,42 m SS.P. – 0,443±0,003 m / 0,42 m SSA.P. – 0,440±0,003 m / 0,42 m
Mass	SB.P. – 4 kg/m ² SS.P. – 3,48 kg/m ² SSA.P. – 3,48 kg/m ²
Package	10 pcs./pack.
Amount m ² total	4,2 m ²
Storage	The product should be stored in covered rooms, out of the reach of heating devices and direct sunlight, at a temperature not higher than 60 °C. In conditions that protect the profiles against contamination, deformation and mechanical damage. The packages should be stored on shelves or pallets with a length not shorter than the length of the package. It is not allowed to leave the ends of the package unsupported and stack more than 10-12 packages one on the other.
Tools	Conventional carpentry tools for cutting or drilling should be used for processing foamed PVC profiles and finishing strips. Use fine-toothed saws; mechanical tools for processing should be used at the same or faster speeds as for processing wood.
Fastening	Installation takes place on a wooden or metal substructure with the use of metal screws according to the specification in the assembly manual.
Factory mounting holes	Yes. Oblong holes for mechanical fasteners.
Installation temperature	Installation should take place at an ambient temperature between 0°C and 30°C. Before installation, the profiles should be seasoned for 2-3 hours at the installation site so that the profile can equalize the temperature to the ambient temperature.
Installation	See installation manual on vox.pl.
Important installation information	- Provide adequate ventilation from below (approx. 150 mm from the ground) and above the wall (approx. 20 mm), - Distance between the battens: 400 mm from the center of the battens,



	- The dimensions of profiles and wooden battens depend on the installation height and temperature, details in the installation manual vox.pl.
Maintenance	Facade profiles made of foamed PVC are ready-made products that do not require painting and maintenance. In order to maintain aesthetics, the facades should be cleaned at least once a year or depending on how dirty it is. Use mild detergents. Do not use water at a temperature above + 40°C, strong detergents, bleaching agents, solvents, strong acids and bases, and abrasives.

Essential characteristics	Performance properties
Starting, masking and ventilation trims made of PVC-U	
Vicat softening temperature, ° C	≥75
Elevation panels, universal profile and external corners made of PP	
Tensile strength, MPa	≥16
Tensile modulus, MPa	≥1700
Relative elongation in tension,%	≥9,0
Shrinkage after 90 min at + 150 ° C and conditioning for 4h,%	≤1
Charpy impact strength, kJ / m2	≥2
Water absorption after 24 hours of immersion,%	≤0,5
Hard body impact resistance: - at + 23 ° C, with an impact energy of 6Nm - at -20 ° C, with an impact energy of 3 Nm	No damage, there may be pits in the face surface
Adhesion of the acrylic paint coating, grade	≤1
Resistance to aging in artificial conditions, with a radiation energy of 6200 MJ / m2, assessed:	
- by a change of color	Not more than 3 gray scale
- with the adhesion of acrylic paint coating, degree	≤1



QUICK & EASY
INSTALLATION



MAINTENANCE
FREE



DURABILITY &
IMPACT
RESISTANCE



LIGHTNESS FOR
EASY
INSTALLATION
AND NOT
LOADING THE
STRUCTURE



100%
RECYCLING



30 YEARS
WARRANTY

