



WALLSTAR DUNIN 3d panels, baseboards, decorative elements IWS ASSEMBLY USE AND MAINTENANCE INSTRUCTIONS

WALLSTAR DUNIN products are made of durable, hard and waterproof POLYSTAR material. They are meant for application inside the compartments. They are marked by ease of cutting, gluing, grouting and painting. These products do not crumble and they do not arise dust during the assembly or use. It is possible, in the easy way, to trim them, as well as bore the holes. Clean and fast assembly, without necessity of easy getting dirty gypsum glue application, allows to assembly, in easy manner, these products in freshly finished compartments.

All the products are made of POLYSTAR (for example: 3d panels, baseboards and medallions) are waterproof. They may be applied in the compartments of increased humidity, for instance: in the bathrooms. Due to their stiffness and light impenetrability, they are perfectly fit for highlighting, for example: LED.

The product does not impose a load on the walls. Thanks to its tiny weight of the elements made of POLYSTAR (1 square metre of the 3 d panels weigh only 1,5 kg) they may be applied on walls made in light building development technology, so called gypsum – cardboard /gips – karton/, in wooden constructions, in attics, on sloping surfaces and ceilings. Their tiny weight allows to assembly them on moveable parts (for instance: doors and mobile walls), to indite inside the cavity and make a composition with furniture.

DUNIN WALLSTAR products series are featured with low cost of the assembly and low consumption of assembly materials. Wallstar moldings are smooth and they do not require to perform time-consuming grouts. They are ready ,brand new from the producer, covered with priming paint, which creates ready basis for painting. Thanks to it, they do not require additional protection against humidity and laborious grounding. The products made of Polystar the material that can be repeatedly painted.

The 3d panels made of POLYSTAR possess isolating and soundproof features. They perfectly work well in such compartments as: sitting-rooms, bedrooms, halls and bathrooms, kitchens, as well as office rooms, restaurants, hotels.

The products are made of the highest quality material. They are non-toxic and they do not include hazardous compounds. They were granted the State Office of Hygiene certificate.

MATERIALS AND TOOLS FOR ASSEMBLY

- contour line (alternatively: starting board), manual pistol, abrasive paper, small spatula, tiny teeth woodworking saw, painter's tools, paint for indoor usage.
- **glue: WS FIXER**, (meant for MDF – MDFIX baseboards), **joint: WS JOINER/ WS FIBER FILLER and WS AQUA JOINER**.

TRIMMING

Trimming DUNIN WALLSTAR elements is easy and it does not require professional appliances. For trimming You should use tiny tooth saw, hand sawing machine or table sawing machines, also a jig-saw. Trimming at a slant You should perform using mitre box, manual or electric diagonal line.

GLUING

Before assembly You should plan the elements' setting. The foundation should be clean, even and dust-free. In the circumstances when there appear larger irregularities, You should level them out using spatula gypsum.

- For gluing :
 - cornices, 3d panels, POLYSTAR skirting** it is recommended to apply **WS FIXER** glue,
 - MDF skirting** it is recommended to apply **WS MDFIX** glue,
- The sides of the elements should be levelled using the abrasive paper.
- The assembly is recommended preserving 3 mm gap between the elements. The gaps should be performed with trimmed cardboards or crosses for glaze.
- In order to determine accurately the element's position , You should impose the element to the foundation, and then, subsequently, draw a line around its edges. You may nail along the line to hold the glued element during the assembly. To assembly 3d panel You may apply so called wooden starting board.
- WS FIXER** glue should be squeezed out from the cartouche using a hand-pistol (extrusion tool). The glue should be distributed , keeping the distance of 2- 3 mm to the edge of the product.
- Before imposing the product onto the foundation You should be sure that the pattern is directed in proper side. The elements should be glued individually (pattern WS-12) Each second element You should turn 180 grades before gluing.
- The elements should be glued uniformly holding them down to the place they are glued, at least 20 seconds. The excessed glue which is flowing out under the element - should be removed. 3 d panels gluing should be started horizontally beginning from the bottom. After the first layer has glued, You should check if the glue has properly tied the panels with the foundation. Gluing of the subsequent layers should begin after the first layer is assembled.

GROUTING

- Working should start 24 hours, at the earliest, after gluing of the elements to the foundation is completed. To grout:
 - cornices, 3d panels, skirting, wall profiles or other decoratives made of POLYSTAR** it is recommended to apply **WS JOINER** grout (**WS AQUA JOINER** or **WS FIBER FILLER** (it refers to the rooms of increased humidity as well),
 - MDF skirting** - it is recommended to apply **WS JOINER**
 - 3d panels** :
 - **to the surfaces < 1,5 sq. m** (less than 4 pieces) You should apply **WS JOINER** or **WS AQUA JOINER** (in compartments of increased humidity)
 - **to the surfaces > 1,5 sq. m** (more than 4 pieces) You should apply **WS FIBER FILLER** (in compartments of increased humidity, too) This grout allows to quick application of the joint on the larger surfaces without necessity of squeezing the joint into the gaps
- Before grouting the edges of the elements' connections must be equalized by rubbing the abrasive paper.
- The joints should enter in 3mm gap space between the elements. The excess of the grout should be removed from the product surface by metal spatula and should be smoothed. Inequalities should be levelled by the spatula using the grout and abraded after drying up. This activity should be repeated until obtaining smooth and uniform surfaces of connections .
- After 24 hours the joint and the surfaces of panels gently grind off using tiny-grained abrasive paper to obtain smooth, uniform surface.
- You should remember to make the grout around the assembled product.

The Wallstar series' products are decorative elements. It is not recommended to load heavy objects on them. These objects should be assembled directly to the walls.

PAINTING

24 hours after the grouting completion the elements should be painted.

Before beginning of the painting the surface of the panels should be accurately dusted. The products need not to be pretreated. We recommend paint coverage of the grouted product with a layer of white primer paint, and then painting using dispersion paints according to the producer's recommendation.

The **MDF skirting boards** are actually protected against spraying with anti – humidity insulator. Additionally, their front surface is painted with double layer of white polyurethane varnish, thanks to it there is no need to paint them again.

CLEANING

The product is easy for cleaning. The elements made of POLYSTAR material do not absorb moisture. When they are painted with washable paint we may clean them using a wet cloth.



Click on the photo and watch the video installation :

Differences in the elements' size

Decorative elements are produced of the POLYSTAR material and mdf., Their width may be different(allowance referring to the size which is mentioned in the catalogue equals to 4 mm). Before assembly of the product, make sure that purchased elements are properly sized and proper in quality. Choosing the elements You should take into consideration not only their pattern but, most of all, utility values, using them according to the producer's intention. The Wallstar series' products should be stored and assembled in dry compartments in ordinary inner temperature. Lack of above conditions application which are given in assembly handbook does not constitute the basis to claim. All works connected with assembly should be entrusted with qualified specialists, remembering the general construction rules.

More information You can find in the Product Card of the WALLSTAR DUNIN decorative wall elements, or contacting directly with DUNIN Technical Department.

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