

## **DMX Polyurethane Decorative Elements Installation Instructions**

DMX offers solutions of decorative elements for facades with high-density polyurethane which has strong strength against fire and climate changes. DMX products give a facade style and character, helps to put creative touches on facades for renovation or construction, with easy mounting

### **Field of Application**

The following substrates are authorized for DMX:

- Concrete fields
- Coated or uncoated masonry
- Masonry with hydraulic coating ( such as mortar, plaster, lime): In this case you should use cap, to close the gaps, in order to avoid air and rain inside.
- External thermal insulation Composite Systems (ETICS): We advice not to apply DMX decorative products directly to EPS but apply to finished ETI.

DMX always advice to use mechanical fastening on all fields during application.

### **1. Preparation of the Montage Field**

1.1 The montage field must be clean, dry and in good condition. The field should be without powdery and greasy. Old paint and other organic coverings must be scraped off and stripped before installation of the decorative elements.

1.2 The surfaces must be flat; a deviation of between 1 cm to 2 cm per metre is tolerated. Decorative elements are always cutted and glued to have final design. So we are preparing our offers considering this cut-glue tolerances as well.

1.3 According to projects, DMX offers may include 3 type of description for subconstruction:

- (1) **Heavy** : Should be prepared before the decorative elements montage. This may include metal preparations. Especially for the metal subconstructions , we advice to use *DMXBoard* ([http://dmxinsulation.com/assets/images/dmx\\_01.pdf](http://dmxinsulation.com/assets/images/dmx_01.pdf) ). As you know, metal can move and this can create some problems (such as cracks) on the decorative elements in the long term. Here instead of Aqua Panel or Palister type of panels, *DMXBoard* is a better solution. *DMXBoard* has not only water resistance but also heat, sound and fire insulations which is very proper to use with metal subconstruction.
- (2) **Light** : Can be prepared during the montage of the decorative elements with simple solutions.
- (3) **None**: You do not need any subconstruction.

1.4 DMX will provide necessary drawings and information about subconstructions for the manufacturers. Please note that subconstruction will be done by subcontractors. This is not DMX responsibility. DMX will give you only the drawings of subconstruction details to help subcontractors.

1.5 Important note for mounting on ETICS : We advice during mounting on ETICS that to have completely dry before the installation and usage of mechanical fasteners. (We advice not to apply DMX decorative products directly to EPS but finished ETICS. Finished ETICS means ready for the final painting)

## 2. Weather Conditions

Installation should be carried out in dry conditions, 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.

.....FOR FURTHER INFORMATION PLEASE CONTACT TO DMX TEAM.....

## Adhesives

You may need 3 types of adhesives for gluing DMX Polyurethane decorative elements;

- 1- PU Foam : ETICS (EPS etc.), cement and brick.
- 2- PU Sealant: Waterproof points, DMXBoard-magnesium panels, wood, glass, metal, marble and granite. During the combination of big polyurethane elements ( such as columns, stringer courses), joints, combination lines , head of screws.
- 3- Marine Adhesive or D4 : During the combination of small elements, joints. Fixing the broken parts on the polyurethane element.

In addition ...

.....FOR FURTHER INFORMATION PLEASE CONTACT TO DMX TEAM.....