

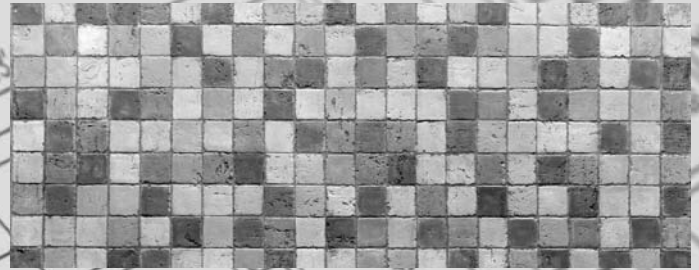
# Installation Instructions

## NOMA®STONE wall panels

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architecture & design



# Product overview & substrate

## NOMA®STONE panels (for indoor and outdoor use)

- Material: polyester resin reinforced with glass fibre, weather-resistant
- Dimensions: approximately 3.34 m x 1.33 m, variations of +/- 5 cm may occur due to manufacturing process.
- Thickness: approx. 2 - 3 cm
- Weight: approx. 6 - 8 kg/m<sup>2</sup>
- 12 different designs
- Accessories: Filler, catalyst, finishing paint (not provided)
- Fire Class D (European norm) : Fire Class M3 (French norm)

## Substrate

The contractor must verify whether the substrate is suitable for the conduct of the contractual works.

# Installing NOMA®STONE wall panels

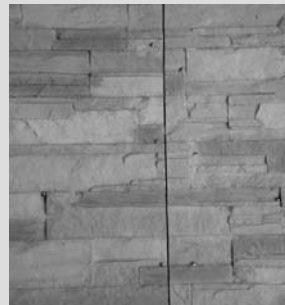
- Measure the surface to be covered.
- Calculate the number of wall panels required given the size of the panels.
- Caution: The joints will vary depending on the pattern!
- Cut the panels with a circular hand saw with a blade for plastic.
- Tip: small slits may be cut using a jigsaw or an angle grinder. To cut a hole for the installation of an electrical socket, use a hole saw.



- Place the panel against the wall for drilling the holes.
- Preferably, drill the holes where the panel and the wall are in direct contact. Where possible, position the drilling holes in the joints and not in the stone design.
- For exterior installations or for mounting on mineral substrates, use drive screws with dowels for concrete and stone walls.
- For interior installations, a wooden lattice panel may be used for support. For mounting, use Spax screws for wooden or plaster walls (e.g. type GIX B).
- Tip: for smooth surfaces, we recommend that the drilling sites be carefully spot-drilled with a countersink.



- Depending on the design, butt-join the panels or mount them with a separation of 3 to 5 mm.
- We recommend that the joints occurring be filled with some filler foam, such as 2K door foam by Ponal, before the surface is filled and smoothed off.



- Mix the filler.
- Depending on the climatic conditions, you will need approximately 2 to 3 % of catalyst per kg of filler (5 kg of filler = 100 – 150 g of catalyst).
- To fill the grooves, you will need approximately 600 g of filler per meter.



# Installing NOMA®STONE wall panels

- Blend the catalyst thoroughly into the filler.
- The mix has an open time of 20 to 30 minutes.
- **Tip:** To check how quickly the catalyst reacts, we recommend that you first mix up a small quantity.



- First, roughly pre-fill the joints with a spatula.
- Then model with a smaller spatula.



- Finally, use a paintbrush and some thinner to model a structure which resembles the surface of the stone or the joint. Even out the excess filler with a small amount of thinner.
- Adjust any visible paintbrush strokes with a sponge.



- The filled surface must be allowed to dry thoroughly (24 hours) before you can begin retouching the stones and joints.



# Installing NOMA®STONE wall panels

- Thoroughly shake the spray cans before use (2 to 3 minutes).
- Before retouching, we recommend carrying out a colour test on a spare piece of panel.
- First begin with the lighter colours and then move on gradually to the darker ones.
- Spray a fine layer of paint onto the panel; if necessary, selectively apply a second layer of paint to create a livelier aspect.
- With certain panels, we recommend that you dab the second layer of paint with a piece of cloth in order to obtain a more intense effect in the recesses.
- As long as the retouching colour is still damp, you can adjust the transitions with a cloth or a brush.
- One spray can will allow you to touch up 1.5 to 20 meters of the filled joints.
- **Important!** Each panel requires a different number of finishing paint colours: e.g. for Aspen Black, one colour is needed, for Aspen Ochre, two colours are needed and for Bari Natural, three colours are required.
- **Tip:** to create sharp outlines of the stones, it is recommended to use a cardboard template cut to shape according to the stone design.
- **Tip:** ask for our CD-ROM including a film of the installation of the NOMA®STONE wall panels. This film will provide you with further detailed tips, e.g. regarding the modeling of the stones.



# Tools

For the installation of NOMA®STONE wall panels,  
we recommend the following tools and accessories:

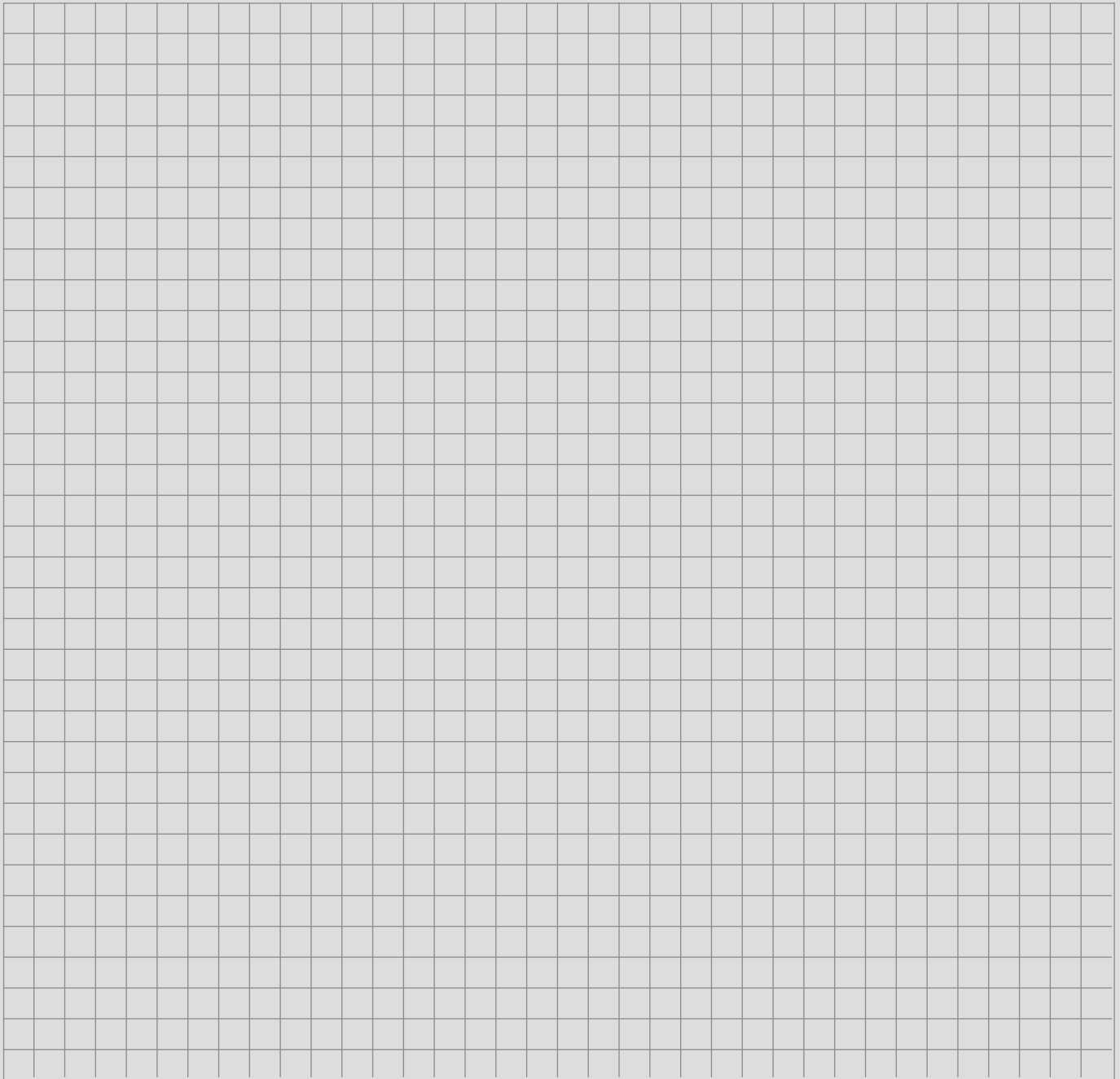
- Disc grinder with a thin cutting disc or a jig saw with a blade for cutting synthetic materials
- Drill hammer
- Hammer
- Cordless electric screwdriver
- Plugs for concrete and stone walls or Spax screws for wooden or plaster walls
- Spatula and modelling spatula
- Various sizes of brushes
- Thinner
- Sponge
- Rubber gloves
- Personal protective equipment (for eyes, nose and mouth) for processing the panels

NOMA®STONE finishing paint available in 400 ml spray cans:

Bruges 1 - Joints	Aspen Ochre 1 - Stones / Light
Bruges 2 - Stones	Aspen Ochre 2 - Stones / Dark
Santiago Ochre 1 - Yellow	Bari Colours 1 - Joints
Santiago Ochre 2 - Stones	Bari Colours 2 - Stones / Yellow
Santiago Grey 1 - Joints	Bari Colours 3 - Stones / Red
Santiago Grey 2 - Stones	Bari Natural 1 - Joints
Luxor 1 - Yellow	Bari Natural 2 - Stones / Yellow
Luxor 1 - Grey	Bari Natural 3 - Stones / Grey
Aspen Black 1 - Stones	Orleans 1 - Joints
Aspen White 1 - Stones	Orleans 2 - Stones
Aspen Grey 1 - Stones / Yellow	Cordoba 1 - Joints
Aspen Grey 2 - Stones / Grey	Cordoba 2 - Stones

The colours were created for mixed light conditions. Therefore, it is possible to strongly influence the visual aspect by varying the thickness of the layer of paint. A variety of effects may also be achieved, by selectively working the different colours into each other (e.g. grey on yellow will give a different visual result than yellow on grey).

# Notes



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