

TECHNIQUE

Photos, pictures, individual designs and graphics can be made visible using this technique. The influence of light and shadow no longer plays a role. RECKLIartico[®] is thus also ideal for indoor use. The process is simple: a concrete retarder is applied to a plastic or magnetic sheet. This is placed in the formwork, retarding the hardening of the concrete. When washing out the surface, the cement skin is dissolved, exposing the aggregate particles beneath. The wash-out depth is approximately 1 millimetre. A chiaroscuro (light/dark) effect results from the contrast between the washed-out and smooth surfaces of the concrete. The desired design is visualised on the facade.

PREPARATION FOR PRINTING

A print file is created from a digital design, image or photo template. In doing so, the design template is scanned in different pixels. To achieve an optimal result, these may vary depending on the design. The subsequent viewing distance also plays a significant role in terms of the size of the individual pixels, and this is always coordinated with the client if a contract is awarded.

PRINTING

A screen printing process is used. A screen is created from the desired design and is then attached to the surface that „is not to be printed“. The covered sections form what will later become the smooth surface on the concrete. This screen-printing stencil is placed on the RECKLI-artico(r) sheet. A special concrete surface retardant is applied and adheres to the blank spaces on the sheet. The screen template can be used several times.

Please note: The printing screen has to be disposed of after printing. If several concrete elements are to be produced with the same motif, or a „reserve sheet“ is required for peace of mind, then we recommend that you state the number of motif sheets required when placing the order. Otherwise, a new print screen would have to be produced and the set-up costs will have to be charged in each case.

MATERIAL

The design is printed on a special sheet. It can be either a plastic or magnetic sheet. The magnetic sheet is very easy to handle, particularly on a steel formwork. All sheets are delivered as a protected roll. They can be placed on the formwork easily.

The maximum dimensions for an individual sheet are 1.20 m x 2.70 m. To produce larger designs, it is of course possible to place several sheets next to one another on the formwork. Larger photos can also be scanned accordingly and can then be composed of several sheets.

DESIGNS

There are no limits to your creativity. We are happy to support you when it comes to developing your own individual designs. Simply send us your digital image template (minimum resolution: 300 dpi) in a scale of 1:1 and we will discuss with you the implementation and visualisation of the subsequent concrete surface.

BRIEF OVERVIEW OF RECKLI ARTICO®

- _ Visualisation of designs, graphics and photos on the concrete surface**
- _ Digital image files are converted into pixels**
- _ Design templates are applied to sheets with concrete retardants**
- _ The sheet material can be either magnetic or plastic**
- _ The maximum dimensions for the individual sheet are 1.20 m x 2.70 m**
- _ Several sheets can be combined to form larger motifs**
- _ The sheets are laid on the formwork and coated in concrete**
- _ The washing out of the concrete elements exposes the motif on the surface**

Any questions?

We are happy to help and support you with your individual project.



DESIGN YOUR CONCRETE

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