

# General Application Advice

## Anti-graffiti protection systems

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#### Anti-graffiti protection systems

Interlayer forming agents used for protection of structure surfaces are liquid agents forming a barrier layer on the surface after application and therefore avoid penetration of all sorts of colorants.

Interlayer forming systems are differed according to their protective effect as follows:

#### Temporary interlayer forming agents

The barrier layer is removed with the colorant when cleaned. To protect the structure surface, the barrier layer must be re-applied. Temporary systems are therefore also described as one-off protection.

#### Semipermanent interlayer forming agents

Semipermanent systems consist of a permanent barrier layer and a temporary sacrificial layer. As with temporary systems, the sacrificial layer is removed with the colorant when cleaned. To maintain the protection of the structure surface, the sacrificial layer must be re-applied.

#### Permanent interlayer forming agents

Permanent interlayer forming agents are barrier layers that are not affected by the appropriate cleaning agents and permanently remain active after removal of the colorant. The barrier layers don't have to be re-applied.

There is no interlayer forming system suitable for all possible substrates. Therefore please refer to the technical data sheets of the respective product systems.

#### Substrate preparation concrete

Prior to application all substrates to be coated must be tested for load-bearing capacity. The substrate must be clean and free from all loose particles, dust, oil and any other contaminants. Cement laitance on the concrete surface must be removed. The surface tensile strength of the substrate must comply with the relevant technical regulations.

#### Pores and cavities

Pores and cavities in the concrete substrate must be opened, e.g. by sweeping, and filled before the actual coating is applied. Pores and cavities may be filled with one of our Nafufill fine fillers in accordance with the respective application advices.

#### Substrate preparation old coatings on mineral substrates

Prior to application all old coatings to be overcoated must be tested for load-bearing capacity. The adhesion to the substrate must be tested by means of an acute-angle cut and a tensile bond test. Thorough cleaning by means of steam jetting is usually sufficient.

Calcareous old coatings are to be removed completely.

#### Cleaning technologies

Existing graffiti and colorant can be removed in a surface-preserving way using the system-specific cleaning technology. Please note the information in the relevant product data sheets.

Graffiti and colorants on permanent interlayer forming agents should generally be removed within 72 hours.

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

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