

## Anti-graffiti protection systems

### APPLICATION ADVICE

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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.

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**Note:** The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2100004824]