



EVALUATION ATTESTATION

OMNIGUARD SPRAYED PROTECTION

A. SCOPE OF THIS ATTESTATION:

Evaluation of Omniguard sprayed protection application witnessed on 8th November 2012.

B. PRACTICAL TESTS:

1. Products

a. OMNIGUARD 110

Water based liquid that is applied with a suitable spray device on different types of surfaces and dries to a protective film;

Application field: protective film for windows, façade panels, bathtubs, shower plates, or in general all non-porous substrates that need protection ... during construction works; both for inside and outside use.



b. OMNIGUARD 112

Water based paste that is applied with roller or brush on different types of surfaces and dries to a protective film;

Application field: protective film for windows, bathtubs, shower plates, ... during construction works; both for inside and outside use.

2. Description of the test site

New build – combination of office and residential use

- Windows: coated aluminium, inside and outside
- Stairs: precast concrete
- Shower plate

3. Application test – 8th of November 2012

Product used: Omniguard 110

Applied surface: coated aluminium frame and glass

For the witnessed test, the following airless spray device was used: GRACO 190 ES. This airless spray device is powered with standard 220V.

During application:

- Amount of noise from the airless device GRACO 190 ES in operation is limited
- There is hardly any odour/smell during application (also the product itself hardly has any smell), nevertheless it is recommended to wear protective mask, safety goggles and gloves during application (consult the safety datasheet prior to application).





4. Peel-off test – observations

A. Window:

HEVADEX confirms that the protection film was applied 4 weeks before this peel-off test, on the windows, both inside and outside.

We observe the OMNIGUARD 110 protection film with traces of plaster, cement, ... People from HEVADEX also show us that windows can be opened and closed without the protection film loosening from the window.



The OMNIGUARD 110 protection film is semi-transparent, hardly blocking any daylight.

OMNIGUARD 110 sprayed protection is removed very easily and quick both from the glass and the aluminium profiles; no product residue or other traces of OMNIGUARD 110 is left on the window profile or window glass. Result is a clean and undamaged window, (despite the severe conditions.)

B. Precast concrete stair

We are informed by HEVADEX that an impregnating silane/siloxane primer (named OMNIGUARD 110 PRIM S25) was applied on the concrete, prior to the spray application of OMNIGUARD110 on the concrete stairs.

Primer and OMNIGUARD 110 were applied 4 weeks before this date of evaluation.

Omniguard 110 protection film was found easy to walk on, not slippery.

OMNIGUARD 110 protection film is easily and quickly removed from the concrete stairs, not leaving any residue of OMNIGUARD 110. Result is a clean and undamaged precast concrete stair.





C. Shower plate:

OMNIGUARD 110(spray applied) and OMNIGUARD 112 (brush applied) are easily removed from a shower plate, not leaving any residue of the product on the shower plate. Result is an undamaged shower plate although conditions were severe.



5. Protection against sparks (grinding disc) – 8th of November 2012

A separate test, whereby a small glass plate is partially protected with OMNIGUARD 110, shows that OMNIGUARD 110 sprayed film successfully protects windows against sparks (grinding disc)

GENERAL CONCLUSION OF THIS EVALUATION

Based on our observations of this project, we can confirm that OMNIGUARD 110 sprayed and OMNIGUARD 112 brush applied protection films are an effective and durable protection, inside and outside, for surfaces like windows, tiles, glass, ceramics, concrete, etc. against mechanical damages, spillage of dirt, alkalinity of cement or plastering, against various stains which can affect the aesthetics etc. It is clear that the temporary coating is not affected by UV light, high humidity or rain. The protection film is easy removable and no product residue was observed nor any staining by the coating itself. The product fulfils the intended use as described in the product datasheet.

The above inspection has been performed to the best of our knowledge and this document reflects our findings at time and place of inspection only and the issuance of this report does not evidence or refer to any other matters. This document does not release sellers/suppliers from their contractual obligations with regard to quality and quantity of this delivery nor does it prejudice buyer's right to claim towards sellers/suppliers for compensation of any apparent and/or latent defects not detected during our inspection of occurring thereafter. Bureau Veritas does not take any responsibility for any changes in the consignment outside of its control and is subject to the Rules and Regulations drawn up by the International Federation of Inspection Agencies (IFIA) and Bureau Veritas General Conditions.

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