

# OMNIGUARD 110np

APPLY WITH

Airless  
spraygun

**Sprayed protection film for use on windows and concrete.  
Remove at the end of construction works as a plastic foil.**



## PRODUCTDESCRIPTION

OMNIGUARD 110NP is a waterborn, ready-to-use liquid based on state of the art polymer technology. This liquid is spray applied and quickly dries to a peelable, light-transparent colourless film. This film protects windows and concrete surfaces against damages and pollutions that occur during construction works. OMNIGUARD 110NP protection film can stay on the protected surface for up to 18 months (windows) and concrete (12 months). When construction works are finished, the protective film is easily removed and does not leave any residue. Suitable for inside and outside use.

## ADVANTAGES

- » Complete and effective protection against damages and pollutions caused by plastering works, sparks of grinding discs, concrete casting, etc.
- » Fast application with airless spray device.
- » Solvent free.
- » Both for inside and outside protection; short and long term.
- » OMNIGUARD NP110 protective film does not detach due to wind.
- » Also for use on surfaces on which tapes hardly adhere.
- » About windowapplication: by letting OMNIGUARD 110NP dry with doors/windows slightly open, these windows and doors can be opened and closed during construction works without detaching the OMNIGUARD 110NP protection film from the window/door.
- » About concrete application: OMNIGUARD NP110 film on fresh concrete also acts as curing compound and improves the quality of the concrete.

## APPLICATION

### Prior to starting the application:

- » Perform a trial with a paintbrush; remove and evaluate the surface for suitability and for possible colour (f.e. concrete) or gloss differences (f.e. glossy aluminium window profiles).
- » When applying OMNIGUARD 110NP on concrete surfaces, hydrophobic pre-treatment of the concrete surface is needed with the Hevadex product BETOSHIELD WB: BETOSHIELD WB is vaporized at 0,1 to 0,15 litre/m<sup>2</sup> on the (dry)concrete surface. OMNIGUARD 110NP is then applied at least 2 hours later. This pretreatment with BETOSHIELD WB is not needed if the concrete is already hydrophobic because it had been treated with a hydrophobic agent, with an anti-graffiti coating, or if the (HD) concrete was already hydrophobic from itself.

### Application:

- » Stirr OMNIGUARD 110NP for homogenisation (do not add solvents or water).
- » Minimum requirements during application and drying: T: > 5°C; apply on a dry surface; do not apply during rain, or when rain or frost is expected the next 24-48 hours.

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- » OMNIGUARD 110NP is sprayed with an airless spray device at 100 to 150 bar pressure, and with a spraytip opening of between 0,015 and 0,019 inch.
- » Total minimum consumption of OMNIGUARD 110NP as to guarantee easy peelability and protection:
  - Windows: 0,6kg/m<sup>2</sup> or ~600 micron
  - Concrete surfaces: 0,9kg/m<sup>2</sup> or ~900 micron (~0,9kg/m<sup>2</sup>)
 Verify layer thickness with a wet film gauge. Do not apply more than 1,5kg/m<sup>2</sup>.
- » To speed the drying time and to avoid pinholes on concrete surfaces, apply in two passes, the second pass shortly after and crosswise over the first pass.
- » Avoid overspray on adjacent surfaces by protecting these during application.
- » Depending on conditions such as temperature, the film is tack free within 4 to 8 hours after application, and the total drying time is between 12 and 48 hours during which the film may not come in contact with rain or any other form of water, nor with temperatures < 5°C.
- » During application, keep the pail under the airless closed to avoid skin formation.
- » In case of inside application, allow ventilation.
- » Cleaning material: after use with water.

Remove OMNIGUARD protection film:

Concrete surfaces within 12 months and window surfaces: within 18 months after application.

- » Do not use OMNIGUARD 110NP on polycarbonateglass, nor on wooden surfaces.
- » Do not apply during rain or frost, or when expected within 24 hours after application.
- » Do not apply OMNIGUARD 110NP in full sunlight or on surfaces with a temperature > 30°C.

**LIMITATIONS**

**TECHNICAL DATA**

- » View: white liquid; light transparent colourless film after drying;
- » Consumption: minimum total consumption: 0,6kg/m<sup>2</sup> (0,9kg/m<sup>2</sup> for concrete surfaces)
- » Density : +/- 0,95 kg / L;
- » Properties of the protection film: semi-transparent, flexible, peelable;
- » Weather resistant after 4 to 48 hours, depending conditions;
- » Storage: 5 – 20 °C; store out of direct sunlight;
- » Conservation: 12 months from date of production in unopened and original packaging.

**PRODUCT CERTIFICATIONS**

TEST INSTITUTE	TEST	STANDARD	VALUE
	UV- and weather resistance	EN ISO 16474-3:2013	400h
	Systemevaluation: concrete and window protection	VERITAS	Pass

**PACKAGING**

10kg pail - Pallet: 44 x 10 kg or 120kg drum – Pallet: 3 x 120kg

**SAFETY**

Consult the safety data sheet prior to application. Requested to wear eye protection, mouth mask, gloves and safety wear.

**EXTRA**

HEVADEX cannot be held liable for damages on surfaces protected with OMNIGUARD 110NP.

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