

I. Product description

UV-CareShield is a strong waterborne UV-curable lacquer which after curing on site gives immediately a long term surface protection to the Marmoleum floor.

II. Features

- UV-CareShield is a permanent long lasting coating
- The floor is directly ready for use after application and curing: furniture installation and traffic can start immediately
- Good visual appearance
- High resistant against stains: alcohol and hand disinfectants resistant
- Health friendly: no isocyanates, solvent free
- Easy to use: no need for separate primer, ready to use
- Yearly stripping and re-coating with polymer is not needed anymore

III. Technical Data

Content	UV-curable lacquer
Packaging	5 Liter can
Color	Milky white (lacquer) Transparent (once lacquer is cured)
Shelf life	9 months
Storage	Store between temperatures of 5-25°C (40-80°F) Protect from freezing. Protect from UV-light
Application	50 – 75 g/m ² per layer
Drying time	1-3 hours per layer, depending on drying conditions
Ready for traffic, mechanical loads	Immediately after UV curing
Final performances	Immediately after UV curing
Gloss level	Low gloss
R value of the coated Marmoleum	R9
Approved flooring types	Marmoleum

Please note that UV-CareShield is not intended for chemical stripping

IV. Application / Processing:

Before any application, the floor must be prepared, cleaned and dried according to existing procedures, in order to make sure that all wax, polish or polymers are removed from the floor.

- Measure the moisture level of the floor surface using a pinless moisture meter. Perform this measurement in several spots. Record the values as these are the background values for later reference.
- Shake the can firmly and allow it to rest for a few minutes before application.
- Lacquer application at a temperature between 15 and 25°C.

- Apply UV-CareShield with a good quality 9 - 11 mm microfiber paint roller with beveled edges from a paint tray. Application weight per layer is 50 – 75 gr/m².
- Let the lacquer dry for 1 to 3 hours depending on room conditions. From 30 minutes after application, a blower can be used to aid in the drying process.
- After drying, a second layer (50 – 75 gr/m²) is applied if necessary.
- When the lacquer is dry to the touch, measure the moisture level is again. When the moisture level is down to 1 point of first measure value, the lacquer is ready for curing.
- UV curing is done with UV equipment like the DecoRad Floormate. Run at a speed of 6 m/min. Make sure to only walk on the cured lacquer. Use sufficient overlap in the passes to ensure that the entire floor is cured. A special handheld UV device is used for curing edges and other areas that are not accessible by the Floormate.
- The UV-curing must be performed according to safety requirements from the Machine manufacturer. Refer to safety instructions for the use of the machine and UV-protection of the surrounding of the area under renovation.

After curing the floor is immediately ready for use.

V. Cleaning and Maintenance:

On Marmoleum with UV-CareShield the following is recommended:

Regular cleaning:

The frequency of regular cleaning method will depend on the amount of traffic, soiling levels, desired appearance, and hygiene standards:

- Remove dust and loose dirt by vacuum cleaning, sweeping or microfiber cloth.
- Remove spots, stains and spillages locally with a damp mop and a neutral floor cleaner.

Periodic cleaning:

Scrubbing.

No spray, no buff, no wax, no polish.

VI. Technical assistance:

If additional information needed on UV-CareShield, please contact our technical service department:

Email: adviezen@forbo.com

or

Whatsapp: 06-41324580