



## **UV -CareShield a Forbo Eurocol Nederland B.V. development**

### **Product description**

UV-CareShield is a dispersion based UV-crosslinkable renovation coating especially for linoleum floors. After pre-treatment of the linoleum floor, UV-CareShield is applied crosswise in two layers and after physical drying treated with a mobile UV source such as the DecoRad Floormate. This results in a very high-quality protective coating film ready for intensive use immediately after the UV treatment. This makes UV-CareShield in particularly suitable for renovating linoleum floors in areas that need to be put back in use as quick as possible.

### **Characteristics**

- UV-CareShield guarantees a durable protection of the treated floor.
- The floor treated with UV-CareShield is immediately ready for use after application and UV treatment: the floor is back to use immediately.
- Excellent stain resistance, including against alcohol and disinfectant agents.
- One component product, free of isocyanate and solvents.
- Easy in use without a primer.
- Very durable and eliminating traditional periodic maintenance with polish, polymer or wax.

### **Technical information**

Packaging unit	5 kg can
Colour	milky
Shelf life	1 year
Storage conditions	At 5 to 25° C in original sealed packaging
Film weight to be applied per layer	50 to 75 g/m <sup>2</sup>
Drying time per layer	1 to 3 hours depending on the circumstances
Passable and ready for intensive use	Immediately after UV treatment
Achievement optimal properties	Immediately after UV treatment
Gloss level	Satin
Anti-slip R-value for treated linoleum	R9
Suitable for	Chemically stripped and/or sanded linoleum floors. Suitability for other types of resilient floor coverings should be tested on location.
Emission	GEV-EMICODE EC1plus



## Application of UV-CareShield

- Before starting work, read the material safety data sheet and the information on the label carefully and observe the recommended precautions.
- Take care of sufficient ventilation in the area in which the floor is treated.
- Before applying the UV-CareShield, the floor to be treated must be completely free of residues of wax, polish and polymer and be clean and dry, in accordance with existing procedures.
- Before applying UV-CareShield, measure the moisture content in percentage of the cleaned floor with a contact device at various places. Record the measured values as reference values for later determinations right before UV treatment.
- Shake the UV-CareShield can vigorously before use to mix the UV-CareShield homogeneously. Let it rest for at least 5 minutes after shaking.
- The temperature in the room must be between 15 and 25 ° C.
- Fill a coating tray with UV-CareShield. Apply the UV-CareShield with a good quality micro-fibre roller with chamfered edges and a fibre length between 9 and 11 mm.
- Apply the first layer in a film weight of 50 to 75 g/m<sup>2</sup>.
- Let the first layer dry for 2 to 3 hours. A blower can be used 30 minutes after application of the first coat to speed up the physical drying.
- Then apply the second layer at cross to the first layer in a film weight of 50 to 75 g/m<sup>2</sup>.

## UV treatment of the UV-CareShield

- After drying of the second layer, measure the moisture content in the floor at the same places as the first moisture measurement and compare the values. When the measured values are a maximum of 1 unit higher than the first measured values, the floor is dry enough for the UV treatment.
- Read carefully the safety instructions of the supplier / manufacturer of the UV source and use the recommended personal protective equipment. Cordon off the room in which the floor renovation is taking place.
- The UV treatment is carried out with a self-propelled mobile Hg UV source such as the DecoRad Floormate. The speed at which the UV source is driven over the floor should be a maximum of 8 m/min. Under no circumstances use a LED UV source.
- During the UV treatment, only walk over UV-treated areas and ensure sufficient overlap of the UV-treated strips to ensure that the entire floor surface has been treated.



- Use a handheld UV-source such as the DecoRad Handmate UV600 or UV1800 Hg to treat corner and other areas of the floor that have not been irradiated with the mobile UV source. Under no circumstances use a LED UV source.

**Immediately after the UV treatment the floor is ready for intensive use.**

## **Cleaning and maintenance of UV-CareShield treated floors**

### **Regular cleaning and maintenance**

The degree of regular maintenance depends on the extent to which the floor is used, the degree of soiling, the type of soiling and the desired appearance and the required hygiene level of the room.

- Remove dust and loose laying dirt with a vacuum cleaner or with a dry microfiber wiper.
- Remove local stains and spilled liquids with a dampened mop or squeegee. Use a pH neutral floor detergent agent.

### **Periodic cleaning and maintenance**

- A floor treated with UV-CareShield can be cleaned intensively with a scrubber machine.
- Under no circumstances buff or spray/buff the floor or apply polishes, polymers or waxes on the floor.

A cured UV-CareShield layer can't be chemically stripped. In case a floor treated with UV-CareShield needs renovation, the pre-treatment should preferably consist of wet sanding.

## **Technical support**

For additional information and technical questions, please contact our technical service department.

Forbo Eurocol Nederland B.V. – Industrieweg 1-2 - NL 1521 NA Wormerveer Holland

E-mail: [info.eurocol@forbo.com](mailto:info.eurocol@forbo.com)

Telephone: +31 75 627 16 00

