

DecoRad[®] Floormate

Productbrochure



Sustainable job progress with DecoRad[®]

Accelerated drying and curing with DecoRad®

For many years now, DecoRad® Systems has been the leading specialist in the area of accelerated drying and curing of paints, coatings and repair compounds. Developed for and by professionals in the painting and floor branch. The DecoRad® concept makes it possible to quickly dry each physically drying water-based paint. Paint to which photoinitiators have been added, can be cured immediately. In addition, the DecoRad® concept makes it possible to fully cure coatings, repair compounds and floor coatings in mere seconds, with limited or no VOCs (volatile organic compounds). DecoRad® offers many advantages in various areas. Applying DecoRad® can save costs, improves durability and let you work more efficiently.



The DecoRad® Floormate Overview

The DecoRad® Floormate is the ultimate tool for instantly curing floor coatings. The DecoRad® Floormate can instantly cure approximately 250 square meter per hour (depending on the type of base floor, layer thickness and product)

About the DecoRad® Floormate

UV has been successfully used in industrial applications for instantly curing inks, car paints, adhesives and coatings. Due to DecoRad® Systems many years of experience in using UV on-site in combination with coatings, paints and oils, the DecoRad® Floormate has arisen. Together with chain partners extensive research has been conducted. This is combined with numerous lab and field trials. DecoRad® Systems has succeeded in providing the latest equipment and best technology, which enables end-users to successfully cure industrial concrete coatings as well as coatings for smooth VCT floorings.



The DecoRad® Floormate
The new standard in on-site UV curing

- Output 3000 Watt
- Cure path 45 cm
- Ozone-free
- CE and TÜV (radiation) approved
- Instant dimming function for immediate full power (100% - 14%)
- Robust design, user friendly and very manoeuvrable (0° turn radius)
- Self-service package available – no downtime
- Price attractive
- Medium pressure mercury lamp



How the DecoRad® Floormate works

- Pre-treatment of base floor
- Apply the UV curable coating, paint or oil
- Cure the coating, paint or oil with the DecoRad® Floormate (UV)
- Instant curing makes it possible to use the floor again immediately after treatment with UV

Advantage of the DecoRad® Floormate

On-site UV offers many advantages

- Multiple layers can be applied in succession
- Reduced lead times and less downtime
- Using little or less solvent
- UV curing for enhanced scratch resistance
- Less failure costs
- Better resistance against (household-) chemicals
- Durability improves





The DecoRad® Floormate USP's

Users ease

- Compact design
- Manoeuvrable (0° turn radius)
- Instant dimming function for immediate full power (100% - 14%)
- Can be used with single-phase power (no three-phase power required)
- Handlebar and leverbar in one
- Lamp easily height-adjustable (for transport and curing)

Safety

- Ozone-free
- Equipped with corner detection – UV is turned off automatically when tilted more than 25°.
- UV lamp will go into dimming mode when not used and will shut off automatically
- The DecoRad® Floormate gives a warning signal (beep) when it is turned on and not used

Technology

- Includes the latest UV-technologies
- Equipped with custom developed electronics and software
- Optimal curing results because of high-class lamps and reflectors
- Digital display

Approvals

- CE approved
- TÜV (radiation) approved

Guarantee and maintenance

- 1 year carry-in-warranty
- Maintenance on vital components (lamp, mainprint, wheels etc.) can easily be done by end-user via spare parts and corresponding service manual
- Service package available (optional) to prevent from down-time

Durability

- Dimming function guarantees > 1000 burning hours UV lamp and limits power consumption
- Durable design and built with sustainable components





Standard package

- Instruction manual / service manual
- Facial shield
- Extension cord
- Heat shield

Service package

Optional:

To prevent from on-site downtime, the following package is available (the service components can also be individually obtained against a premium):

- Custom-made flightcase – ideal for transport
- Spare lamp + housing (including reflectors) – can be replaced within minutes
- Extra PCB (mainprint) – will solve most of possible occurring errors
- Safety cones UV (2pcs)- to work on-site safely with UV
- Extra set of spare wheels – can be replaced within minutes

The DecoRad® Handmate

The DecoRad® Handmate is a great tool for smaller work. It comes in a handy dust waterproof case and is indispensable when using the DecoRad® Floormate. Please visit our website www.decorad.com for more information.





Segments and applications

For the following substrates (top) coatings are available or being developed:

- Wood
- Concrete
- Linoleum / VCT
- Epoxy / polyurethane

Using UV coatings in combination with the DecoRad® Floormate offers many advantages, a number of applications:

- Automotive industry (workshop and showroom)
- Shops (retail)
- Construction
- Aviation
- Warehouses
- Entrances
- Healthcare (hospitals)

Suitable coatings

DecoRad® Systems can assist in developing specific UV coatings by your needs. DecoRad® Systems has a good and close relationship and cooperates with chemical companies and paint manufacturers throughout Europe.

Suitable coatings, paints and oils have the characteristics that they contain limited or no solvents. Water-based coatings require to leave some time after application, allowing the water to evaporate before it can be cured. Full solids can be cured instantly after when it is applied. The characteristics of these coatings are that they will only cure when exposed to UV light.

UV coating developments are going rapidly, please consult our website www.decorad.com to stay updated on the latest technologies.

Coatings	Wood	Concrete	VCT/Linoleum	Industrial
100% Solids	✓	✓	✓	✓
Water-based	✓	✓	✓	
Oil	✓			
Repair compound				
100% Solid	✓	✓		✓



UV Curing Safety

Working with UV is safe:

The first and most important to remember about safety is common sense.

General:

- Try to avoid as much as possible direct UV exposure
- Try to avoid as much as possible UV reflection

User:

- Always wear skin protection (clothes, gloves and facial shield)

Environment

The DecoRad® Floormate only works on coatings, paints and oils which contain little or no solvents. Where traditional coatings still contain high levels of solvents, to partly take care of the (quick) curing process, UV coatings do not require these amounts. Tests show that UV coatings in general have better properties than traditional conventional coatings and also contribute to a better environment.

Training

To work as effective and safe as possible with the DecoRad® Floormate, a lot of time is devoted to training and demonstration on job-sites and fairs.

It is possible to have your staff trained at your facilities. The feedback we receive during demonstrations and training sessions, we use in our future product developments. It allows us to remain the specialist in accelerated drying and curing.





Product development and production

Because DecoRad® Systems is in the middle of the marketplace, we know what goes around. Because of our great flexibility specific needs can be discussed (e.g. customized UV lamps, product design)

- Manufacturing is outsourced to experienced partners
- In-house R&D department
- Our (market) input is processed in every production step
- Large production capacity
- Production continuity guaranteed

Unique: DecoRad® owners

A special section on our website www.decorad.com is developed to make it DecoRad® Floormate owners as easy as possible. After completing the online form for warranty purposes, new users have the possibility to order accessories online. DecoRad® Systems will let you know directly what the status of your order is and aims at a fast delivery. Your order history will be saved automatically. A customer forum is created so users can exchange their experiences about this innovative way of working. You will also stay updated with the latest developments!

www.decorad.com/owners summary:

- Information about your purchase for warranty purposes
- Online ordering of accessories and more / order status
- Usersforum where you can share your user experience / ask questions
- Stay updated on latest developments

