

DecoRad® Floormate – Operator Quick Guide



- 1. Safety**
 - *always wear Safety package (Facial shield- Tyvec suit – gloves)
 - * bystanders should keep distance (unprotected minimal 10 meter)
- 2. Transport**
 - *Fold down handlebar and secure, the Floor Mate can be lifted (2 pax.)
 - *pull back the pin to unfold the handlebar
 - *make sure that the lamp is in transport mode (red handles are in upright pos.)
 - *when moving to the job site, please use the very rear (transport) wheels by pulling the Floormate backwards – (prevent dirt from attaching or damaging the wheels)
- 3. Prep.**
 - *adjust the lamphouse by moving the red handles completely down (= 6 mm distance)
 - *the lamp height is adjustable when there is unevenness in the floor
 - *place the heatshield under the lamphouse (this will prevent from burn marks)
 - *use the accompanied cable and attach it at the back of the Floormate
 - *Now Floormate can be plugged into mains (190/250, vac – 16Ah – 50 or 60Hz)
 - *Press power on button
- 4. Set-up from Display**
 - *when the power cable is plugged in
 - *the display will show for 2 seconds the software version that is used
 - *set speed by: **pushing plus (+) and minus (-) at the same time** – the number showed is meter / per minute (min.: 3.5 m/pm & max.: 20 m/pm) – the speed can be adjusted by pushing the plus (+) or minus (-) - **CONFIRM speed by pressing enter**
 - *start UV Lamp; **push ON** and a green LED (activated) will show activated, this will be followed by a red LED (wait) that tells the operator to wait (warming up:apx. 40 seconds) UV lamp will go from 0 to 100% and will dim automatically when UV is ready
 - *the orange LED (standby) will burn when the Floormate is ready to use (the green LED (activated) will be on as well) – Lamp will be in dimming mode (20%)
 - *the Floormate is now ready to use
- 5. Operating**
 - *remove the Floormate from the heatshield
 - *keep the Floormate with burning UV lamp moving at all times
 - ***press 1 x left button (LAMP) in the handlebar to activate UV lamp full power immediately followed by pressing 1 x right button (DRIVE) in handlebar**
NOW YOU ARE CURING ON FULL POWER WITH FLOORMATE DRIVING ON SET SPEED
 - *DRIVE function motorized speed is NOT possible when the UV lamp is in 20% mode
 - *Floormate can also be operated with UV lamp full power without DRIVE function motorized speed– this will allow the operator to cure edges and corners by pushing
 - ***push OFF** to switch off the UV lamp – allow 3 minutes cool down on heatshield before: start up again / unplug power cord
- 6. Safety**
 - *when UV lamp in 100% full power mode with Floormate not moving for four seconds, the UV lamp will automatically dim to 20% and the machine starts beeping (U.92) please move the Floormate to prevent from burn marks and press enter on display (non-movement indication with automatic system shut-down U.93)
 - *tilt angle detection of 25°: if the machine is tilted too far backwards, the UV lamp will shut off automatically preventing accidental exposure off UV radiation (U.91)
 - ***in case of emergency use the emergency stop !**



Error codes: *display shows error codes – press enter to resolve an error- see list below for details

E.01 = communication error	E.18 = low voltage
E.11 = lamp driver fail	E.21 = engine error
E.12 = system fail	U.91 = tilt error
E.13 = lamp fail	U.92 = non-movement error (short)
E.14 = temperature fail	U.93 = non-movement error (long)
E.15 = fan fail	U.94 = auto off after 5 minutes no use

SPECIAL ATTENTION

- Start curing only after the coating is fully dried for waterbased products (use moisture meter)
 - Make a cure plan (don't miss a spot / use the right overlap in curing with the Floormate to be sure that everything is cured)
 - Keep the Floormate moving at all times to prevent burning marks (especially for wood and resilient) use the heatshield
 - The Floormate operates from 0°C (= 32°F), not below. The UV lamp system is computer regulated, when the UV lamp is too cold, the system tries 10 times every 12 seconds to start the UV lamp. The operator only pushes the button start once, the display LED + text will tell the status. This means it knows when to cool down a hot lamp, and when to heat up a cold lamp.
 - After a night in freezing temperatures the Floormate has to be in a warm building for approx. 1 hour for acclimation
 - Connectors of the supplied power cable **press firmly and lock** for a good connection
 - The UV lamp needs about 3 minutes to cool down (when shutting down completely) before switching back on. Always unplug the power cord (and putting plug back) before switching back on.
 - Speed should be based on recommendation of the coating manufacturer.
Use in general: waterbased products between 5 and 11 meter (= 16,5 and 33 feet) per minute, full solids about 4-5 meter (= 13-16,5 feet) per minute.
 - In case of issues due to power irregularity
 - the UV lamp is flickering
 - and/or the machine does not drive (engine not running)
- ⇒ SOLUTION = System Reset:
- Press button '**OFF**' on the display
 - Place Floormate on heatshield
 - Allow 3 minutes to cool UV lamp
 - Unplug powercord from Floormate
 - Wait for 10 seconds before plugging and lock powercord to Floormate
 - Press button '**ON**' on the display
- **Don't take safety too light**
 - **User should be fully protected (facial shield, suit and gloves)**
 - **Keep unprotected bystanders at a 10 meter distance**

