

## NEW GYVLON ECO-FD (Fast Drying) SCREED : DRYING & COMMISSIONING

By using **Gyvlon ECO-FD**, non sensitive floor coveringd can be laid in as little as 21 to 28 days dependent on screed thickness and local conditions. For sensitive flooring coverings **GYVLON ECO-FD** is also significantly faster than the standard calcium sulfate to attain 75%RH and therefore allow covering earlier.

Furthermore **Gyvlon ECO-FD** also gives you a surface finish which is ideal to receive final floor finishes, eliminating the need for initial sanding to aid drying.

Nevertheless, all screeds including ECO-FD screed need a light keying and cleanup just before adhering floor covering.

**Screed Temperature:** Underfloor heating can be commissioned at 7 days. Commissioning the screed raises the vapor pressure, greatly improving the drying rate of the screed. This should be combined with good ventilation (dehumidification).

**Moisture ingress :** Gyvlon should be protected from moisture ingress to prevent rehydration which will delay the drying process.

### COMMISSIONING / FORCE DRYING

Commissioning UFH/force drying a Gyvlon screed can begin 7 days from installation.

Commission the underfloor heating system starting at approx 18°C (or the lowest manifold temperature). This temperature should be maintained for 24 hours then raised 5°C every day up to 45°C. This temperature should be maintained for 7 days then reduced by 5°C a day to 30 °C (if force drying reduce to the expected running temperature and maintain until ready to adhere toppings).

Good ventilation is key to removing moisture from the screed - open windows & doors as much as possible.

Alternatively, electric space heaters & dehumidifiers can be used together to help dry the screed. When using dehumidifiers the environment must be closed to ensure moisture is extracted. Fossil fuel fired heaters (eg. gas heaters) must be avoided as they will raise humidity.

**IMPORTANT:** After drying the screed, the residual moisture content must be determined using a moisture tester. The system should be turned off and allowed to cool for 48 hours prior to digital moisture testing.

### RUNNING TEMPERATURE

**Once floor coverings are installed the suggested running temperature at the manifold is 30°C - for the majority of floor coverings the temperature at the glue line (the top of the screed) should not exceed 27°C.**

**The screed is highly reactive and only requires low temperature warm water to heat the area comfortably, whilst keeping running costs low.**

**If you have any questions please do not hesitate to contact us on the phone / Email below**