



THE GYVLON® SCREED VERSION WITH FASTER DRYING (FD) AND EARLY TO COVER (E2C®)

Anhydritec Ltd has developed Gyvlon® ECO FD E2C® technology to complement its Gyvlon® range of screeds.

Designed for jobsites with reduced lead times, ECO FD E2C® screed enables floor coverings to be applied at least twice as fast as Gyvlon® ECO screed; under the same conditions. In addition, Gyvlon ECO FD E2C® brings together all proven benefits expected from a Gyvlon® screed which also includes low-skin option.

SHORTER LEAD TIMES BEFORE FLOOR COVERING

FD and E2C technologies have successfully undergone extensive on-site trials over the past couple of years in the UK, opening the doors for quicker floor covering.



The FD technology (Faster Drying) modifies the internal screed structure to speed up the drying process, **drying times are at least twice as fast.**



The E2C® technology (Early to Cover) strengthens the screed properties -especially at the surface- increasing adhesion performance. Allowing risk free floor **covering even at high humidity rate, from 90% RH for tiles² and vinyls³.**

ALL THE BENEFITS OF GYVLON® SCREED PRODUCTS

Gyvlon® ECO FD E2C® technology has all the benefits that you have come to expect from a Gyvlon® screed product with over 30 years' experience:

- **Very high fluidity** for fast installation
- **No shrinkage** greatly reduced cracking, no curling
- **No need for joints** until 800 m², 300 m² UFH
- **No reinforcement**
- **No curing membrane**
- **Minimum SR2 surface finish**

MAIN FEATURES

- ➔ **Fast drying (FD)**
(x2 at least)
- ➔ **Early to cover (E2C)**
(from 90% RH for tiles² and vinyls³)
- ➔ **All the Gyvlon® screed benefits**
no cracking, no curling, no need for joints, etc.
- ➔ **Low-skin option**



PROVEN TECHNOLOGIES ON CONSTRUCTION SITES AND IN ALL SEASONS



The ultra-thin readymix flowing subbase leveller



The thin and lightweight flowing screed solution



The guaranteed ultra-efficient screed for underfloor heating



The strongest screed for the most demanding situations



The Gyvlon® screed version with faster drying (FD) and early to cover (E2C®)



Anhydritec's versatile Gyvlon® screed



a product range from



THE GYVLON® SCREED TECHNOLOGY WITH FASTER DRYING (FD) AND EARLY TO COVER (E2C®)



The ECO FD E2C® screed is ideal for use on projects with tight time schedules; helping you achieve demanding deadlines while maintaining the advantages of anhydrite screed.

FD TECHNOLOGY
FASTER DRYING
 Drying times are at least twice as fast

E2C TECHNOLOGY
EARLY TO COVER
 Covering is allowed from 90% RH for tiles² and vinyls³

▶ PRODUCTIVITY AND EASE OF USE

The ECO FD E2C® screed exhibits very high productivity rates (200 m²/h). It is possible to walk on after 24 hours, and will generally accept trades, foot traffic within 48 hours. Once suitable moisture levels are attained, the screed can be covered without any risk of cracking or curling.



▶ VERSATILITY AND FREEDOM OF LAYING TILES OR VINYL, ETC.

The ECO FD E2C® offers great versatility and is used for all applications: underfloor heating/cooling, thermal & sound insulation, floor levelling... Unlike cement-based screeds, the virtual absence of expansion joints preserves the aesthetics of the floor coverings and allows all the freedom both in terms of tile sizes and layouts (diagonal installation, lack of joints, etc.) or vinyl coverings (hospitals, sports halls, etc.)



OUTSTANDING PERFORMANCE

TECHNICAL CHARACTERISTICS	
Mechanical strength	C25-F5 BSEN 13813
Dry density	2 000 kg/m ³ (± 200)
Design thickness	Min 30 mm - unbonded
Design thickness	Min 35 mm (domestic) 40 mm (commercial) - floating
Substrate type	Suitable for most substrates
Substrate regularity	SR2 – BSEN 8204-7
Surface finish	Low-skin option (may require sanding as part of floor finish installation)
Reinforcement	Requires no reinforcement

INSTALLATION BENEFITS	
Flow	240 mm (± 10 mm)
Working Time	180 mins from commencement of batching to finish dapping
Joints	800 m ² (300 m ² for UFH)
Productivity	Up to 200 m ² / hour or 2 000 m ² / day

MAX RELATIVE HUMIDITY OF SUBSTRATE		
Carpets	Tiles	Vinyls
from 95% RH ¹	from 90% RH ²	from 90% RH ³

1. Bonded carpet excluded
2. Gypsum tile adhesive, cement tile adhesive with suitable vapour barrier; otherwise 85%
3. With suitable vapour barrier & smoothing compound; if direct bond where finishes allow then 85% RH

The technologies FD and E2C® are patented by Anhydritec®



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