



# 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.

## SHORTER LEAD TIMES BEFORE FLOOR COVERING

FD and E2C technologies have successfully been used for many years in the UK and Europe, enabling for quicker floor covering.



The **FD technology (Faster Drying)** modifies the internal screed structure to significantly speed up the drying process.



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 moisture content (MC), from 1,5% MC for tiles<sup>D</sup> and vinyls<sup>E</sup>.

## 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 m<sup>2</sup>, 300 m<sup>2</sup> UFH
- **No reinforcement**
- **No curing membrane**
- **Minimum SR2 surface finish**

### MAIN FEATURES

- ➔ **Fast drying (FD)**
- ➔ **Early to cover (E2C)**  
*(from 1.5% moisture content for tiles<sup>D</sup> and vinyls<sup>E</sup>)*
- ➔ **All the Gyvlon® screed benefits**  
*no cracking, no curling, no need for joints, etc.*

**EPD® LOW CARBON SOLUTION**  
**<90% REDUCTION**



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

# THE GYVLON® SCREED VERSION 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 an anhydrite screed.

 <p><b>FASTER DRYING</b> Significantly speed up the drying process</p> 	 <p><b>EARLY TO COVER</b> Covering is allowed from 1.5% moisture content for tiles<sup>2</sup> and vinyls<sup>3</sup></p> 
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## ➤ PRODUCTIVITY AND EASE OF USE

The ECO FD E2C® screed exhibits very high productivity rates (200 m<sup>2</sup>/h). It is possible to walk on after 24 hours, and will generally accept trades within 48 hours. Once suitable moisture levels are attained, the screed can be covered without any risk of cracking or curling typically twice as fast<sup>6</sup>.



## ➤ VERSATILITY AND FREEDOM OF LAYING TILES OR VINYL, ETC.

The ECO FD E2C® offers great versatility and is used for many applications such as 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 <sup>3</sup> (± 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
Reinforcement	Requires no reinforcement

INSTALLATION BENEFITS	
Flow	240 mm (± 10 mm)
Joints	800 m <sup>2</sup> (300 m <sup>2</sup> for UFH)
Productivity	Up to 200 m <sup>2</sup> / hour or 2 000 m <sup>2</sup> / day

MAX MOISTURE CONTENT OF SUBSTRATE <sup>A, B</sup>		
Carpets	Tiles	Vinyls
from 2% MC <sup>C</sup>	from 1.5% MC <sup>D</sup>	from 1.5% MC <sup>E</sup>

The technologies FD and E2C® are patented by Anhydritec®

- A. Carbide measurement or oven drying at 40°C. Adhesive manufacturers recommendation should also be followed
- B. UFH screed values: Tiles 1%, Vinyls 1% & Carpets 2%. Before applying a floor covering, the UFH must be commissioned in accordance with industry guidelines.
- C. Bonded carpet excluded
- D. A suitable primer should be used as per industry recommendation.
- E. With suitable vapour barrier & smoothing compound; if direct bond where finishes allow then 1%.



[www.gyvlon.co.uk](http://www.gyvlon.co.uk)  [www.anhydritec.com](http://www.anhydritec.com)

ANHYDRITEC LTD - Unit 221, Europa Boulevard, Westbrook, Warrington, WA5 7TN - T. 01925 428 780 - [anhydritec.enquiries.uk@minersa.com](mailto:anhydritec.enquiries.uk@minersa.com)