



## THE ULTRA-THIN FLOWING SCREED SOLUTION

Inside the Gyvlon® 'Environmental Screed Solutions' range, EXCELIO® Technology has been developed to offer a unique solution for a thin floor construction. Specifically targeted to bridge the gap between self-smoothing compounds and bonded screeds.

Gyvlon EXCELIO® is the only factory manufactured screed that can be applied at just 12mm, eliminating the need for multiple coat applications, achieving up to 83m² to each cubic metre produced and eliminating the need for on site manufacture.

### WHAT DOES EXCELIO® OFFER?

EXCELIO® technology offers building designers a **thin floor construction solution** which provides:

- + Reduction:** Up to **70%** reduction in bonded construction depth compared with traditional screeds.
- + Speed:** Up to **100%** faster installation compared to thin section smoothing compounds.
- + Savings:** Cost, Labour and Time savings on the build programme.

### ALL THE NORMAL BENEFITS OF GYVLON® PRODUCTS

EXCELIO® has **all the benefits** that you have come to expect from Gyvlon screeds:

- **SR1 finish**  
Contractor dependent
- **Very high fluidity**
- **Greatly reduced cracking**  
and no curling
- **Maximum bay size 800m²**
- **No reinforcement**
- **No need for a curing membrane**
- **Typically 39% recycled content**

#### OUR TECHNICAL +

- ➔ **Quality assured**  
*Factory produced in third party accredited plants*
- ➔ **Only 12mm**  
*Bridging the gap between smoothing compounds and bonded screeds*
- ➔ **Green colouration**  
*To ensure correct product selection*



**HEALTH AND SAFETY**  
REMOVES MANUAL HANDLING  
OF BAGGED MATERIAL, MIXING  
AND WATER ADDITION

#### GYVLON® RANGE

**THERMIO+**  
TECHNOLOGY

**XTR**  
TECHNOLOGY

**STEELDECK**  
TECHNOLOGY

**SKY**  
TECHNOLOGY

**EXCELIO**  
TECHNOLOGY

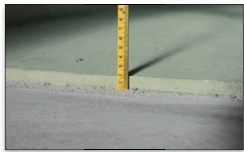
**ECO**  
TECHNOLOGY

**Gyvlon®  
Screed**  
*Environmental  
screed solutions*

# THE ULTRA-THIN FLOWING SCREED SOLUTION, FOR BONDED CONSTRUCTION



EXCELIO® is an accumulation of benefits for a thin floor construction:



EXCELIO® allows up to a 70% reduction in screed thickness thanks to new generation admixture.



Optimised screed depth and removal of the need to manually mix bagged materials improving installation time by up to 100%.

Due to the combination of factory production, no manual handling, thinner screed and faster installation, EXCELIO® offers considerable per square meter saving.

	Bonded sand cement  THICK SECTION	ECO®  REDUCED SECTION	EXCELIO®  OPTIMUM SECTION	Smoothing compound  THIN SECTION / MULTIPLE LAYER APPLICATION
DESIGN SCOPE	—	★	★★★★★	★
COST EFFICIENCY	★	★★★★	★★★★★	★
OVERALL SUITABILITY	—	—	★★★★★	★

## OUTSTANDING PERFORMANCE

TECHNICAL CHARACTERISTICS	
Mechanical strength	C30 F8 - BSEN 13813
Dry density	2 050kg/m³ (± 200)
Design thickness	12 - 30mm (0 - 4mm sand)
Substrate type	Insitu concrete/Pre cast concrete
Substrate preparation	Mechanical sanding
Surface finish	Low skin
Surface regularity	SR1-BSEN 8204-7
Priming requirement (>75% RH)	Liquid DPM (PU/Epoxy) with sand scatter or secondary priming
Priming requirement (<75% RH)	2 Coats acrylic/PU (to suit substrata)

INSTALLATION BENEFITS	
Flow	270mm (± 10mm)
Working Time	180mins from commencement of batching to finish dapping
Joints	800m² (Area layout to be considered)
Productivity	Up to 260m² / hour or 2 000m² / day

Gyvlon® EXCELIO® is a technology of Anhydritec Europe.

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Our anhydrite binder is composed at **98%** of recycled materials

