ECO TECHNOLOGY

ANHYDRITEC®'S VERSATILE GYVLON® SCREED

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 16/5301

Within the range of Gyvlon® Screed products, ECO® screed has provided **quality for over 25 years**. It is **fully BBA Approved** - ensuring quality and performance.

Eco® Technology can be used in a wide variety of applications.

ALL THE BENEFITS OF GYVLON® SCREED PRODUCTS

Eco® Technology has all the benefits that you have come to expect from Gyvlon® Screed products:

- **Very high fluidity** for fast installation
- **Minimum SR2** surface finish
- **Greatly reduced cracking** and no curling
- **Maximum bay size 1000m²** (300m² for underfloor heating applications)
- **No reinforcement**
- **No need for a curing membrane**
- **Typically 36% recycled content**

FOR ALL PROJECTS AND APPLICATIONS

Gyvlon® ECO® Screed, the most versatile of the range, with numerous advantages. It responds perfectly to all types of applications:

Thermal + acoustic performance 	***Underfloor heating*** 
Thin levelling screed 	***Other applications*** *Schools, gymnasiums, housing, high-rise, buildings, etc.*

MAIN FEATURES

- ***Environmentally friendly***
- ***Pumpable flowing screed***
- ***No reinforcements required***
- ***Protein free***

HEALTH & SAFETY CARE CONSTRUCTION ON-SITE

EXCELIO® TECHNOLOGY	*The ultra-thin readymix flowing subbase leveller*
FINIO® TECHNOLOGY	*The thin and lightweight flowing screed solution*
THERMIO®+ TECHNOLOGY	*The guaranteed ultra-efficient screed for underfloor heating*
XTR® TECHNOLOGY	*The strongest screed for the most demanding situations*
ECO FD TECHNOLOGY	*The Gyvlon® screed version with faster drying (FD)*
ECO TECHNOLOGY	*Anhydritec's versatile Gyvlon® screed*

Gyvlon® Screed *a product range from* ANHYDRITEC Minersa Group

THE VERSATILE SCREED OF ANHYDRITEC®

ECO® TECHNOLOGY

SPEED UP YOUR BUILD PROGRAMME

Screed deadlines are critical, Gyvlon® ECO® can be installed at up to 200 m^2 per hour. After pouring, Gyvlon® Screed products can receive foot traffic from 24 to 48 hours.

DRYING TIMES

Drying time for a screed is approximately 1mm per day, up to 40mm. Beyond 40mm, 0.5mm per day. Underfloor heating may also be used to reduce the screed drying time. After 48 hours the building must be properly ventilated.

FLEXIBILITY OF FLOOR COVERINGS

Flowing screed requires fewer expansion joints than cementitious screeds. Reducing expansion joints preserves the look of the floor finish.
Screed durability ensures the best possible surface for a final floor finish.

IMPROVING THE EFFICIENCY OF UNDERFLOOR HEATING

As a free flowing and self-compacting screed, Gyvlon® ECO® Screed is versatile for the majority of build types and is compatible with most acoustic and thermal insulations.

OUTSTANDING PERFORMANCE

TECHNICAL CHARACTERISTICS	
Mechanical strength	C25 – F4 BSEN 13813
Dry density	2 000kg/m^3 (± 200)
Design thickness	Min 30mm - unbonded
Design thickness	Min 35mm (domestic) 40mm (commercial) - floating
Substrate type	Suitable for most substrates
Substrate regularity	SR2 – BSEN 8204-7
Surface finish	Low laitance option
Surface finish	May require sanding as part of floor finish installation
Reinforcement	Requires no reinforcement

INSTALLATION BENEFITS	
Flow	250mm (± 10mm)
Working Time	180mins from commencement of batching to finish dappling
Joints	1000m^2 (Area layout to be considered)
Productivity	Up to 200m^2 / hour or 2 000m^2 / day

ECO®+ is a technology developed by ANHYDRITEC®

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Gyvlon® Screed

Our anhydrite binder is composed at 98% of recycled materials

ANHYDRITEC Minersa Group

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