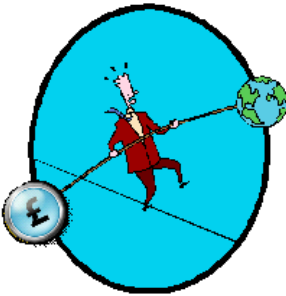


## 'GOING-ON' @ GYVLON

AUGUST 2011



### Do you want to save the planet or your wallet?

#### You could do both!

In today's world, we are becoming more and more conscious of our impact on the environment. Buzzwords and phrases such as "Sustainability" and "Code for Sustainable Homes" are frequently used.

Lafarge Gyvlon screed binder contains at least 96% recycled material, and is listed in the **greenspec**® guide ([www.greenspec.co.uk](http://www.greenspec.co.uk)). This is one of the reasons why more and more floors are being specified as Gyvlon screeded floors.

Gyvlon Binder is manufactured in the UK from Synthetic Anhydrite, an anhydrous form of Calcium Sulphate (CaSO<sub>4</sub>) a by-product of Hydrofluoric Acid Production. This by-product was formerly treated as waste.

**greenspec**®

Starting with an existing waste product, the subsequent processing to produce the Gyvlon binder is more energy efficient when compared to thermal anhydrite, which requires calcining at high temperatures (800°C) prior to use.

Gyvlon Binder is delivered direct to plants in bulk tankers and stored in silos until required. This avoids the generation of unnecessary amounts of packaging waste with associated disposal requirements and environmental impacts. The use of Gyvlon flowing screed can generate little or no waste on the construction site, as material is ordered from the plant to meet the specific needs of the applicator on the day, thus further reducing waste, disposal costs and environmental impacts.

Gyvlon screeds have a better thermal conductivity than traditional sand and cement screeds and require only 30mm cover to the underfloor heating pipes creating faster reaction times. This means they are ideal for use with underfloor heating. The savings in running costs can be significant to both the house owner as well as to the environment.

Gyvlon Screeds are 4-6 times stronger than the typical 1-4 sand and cement screed. This means thinner screeds can be laid leading to wider design solutions. This can lead to insulation being increased to improve U values or possibly changing the insulation to more environmentally friendly options. Using the option to design thinner floor zones would use fewer building materials, in particular multi-storey buildings. This results in both financial and environmental savings.



To book a CPD or for further assistance with projects please contact the Gyvlon office.

For more information on GYVLON visit our website [www.gyvlon.co.uk](http://www.gyvlon.co.uk)

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