Why Gyvlon ?

	GYVLON SCREED	Sand Cement SCREED
Productivity	Up to 2000 m^2 per day	Up to 150 m^2 per day
How quickly can you walk on the floor?	Within 24 to 48 hrs Self-curing	7 days Requires covering to cure
Joints	Maximum 1000m^2 bay size* Maximum 40m bay length* Maximum 8-1 aspect ratio*	Maximum 36m^2 bay size Maximum 6m bay length Maximum 2-1 aspect ratio
Performance	Greater compressive strength Greater flexural strength Nominal shrinkage Will not curl	Compressive and flexural strength Dependent on compaction Shrinks Curls
Surface Finish	Achieves SR2 under BS 8204	Dependant on contractor
Floating Construction	No reinforcement required 40mm minimum - Commercial applications. 35mm minimum - Domestic applications.	D49 or fibre reinforcement required 75mm minimum – Commercial applications 65mm minimum – Residential applications
Typical Drying Times	40 days at 40mm Can be force dried after 7 days	65 days at 65mm Cannot be force dried Should be cured for one week
Unbonded Floor Construction	1200 gauge polythene laid directly to substrate No reinforcement 30mm minimum thickness (25mm Excelio)	1200 gauge polythene laid directly to substrate D49 or fibre reinforcement required 50mm minimum thickness
Installation	Produced to BS EN 13454 Tested Under BSEN 138138 Self-compacting	Often mixed on site by hand Inconsistent quality Requires extensive compaction
Environmental Credentials	1 tonne of binder = 980kg Recycled material 98% Recycled Material Screed average 36% recycled	1 tonne of cement = 1500kg Raw material Screed average 0% recycled
Health & Safety	Ergonomically friendly No cement burns	Very labour intensive High cement contents
Underfloor Heating	2.0 +/-0.2 W/mK** thermal conductivity Guaranteed BBA Certified >2.3 With Thermio + Reduced cover to heating pipes	1.1W/mK** thermal conductivity
Savings	**Gyvlon offers Environmental, Time and Cost Benefits**	

* Bay sizes stated are for non-heated screeds, please refer to 'Bay size/Joints Document'
** W/mK Quantity of heat transferred through a set thickness over a set period of time

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