

	FlexiDry® Screed System	Flowing floor screed	Traditional sand & cement floor screed
How quickly can the screed dry (based on 75mm)?	7 days using FlexiDry FI which is not dependant on a controlled temperature of 20°C & 50% RH	Average 110 days (dependant on ambient site conditions)	Average 110 days (dependant on ambient site conditions)
How quickly can the floor take foot traffic?	Light foot traffic after 12 hours	24 to 48 hours	24 to 48 hours
Is it necessary to cure the screed under polythene for 7 days after laying?	No – removes associated H&S risks of polythene on site	No	Yes
To achieve different dry times are different products needed?	No – FlexiDry is a liquid based additive so all that needs to be done is to increase or decrease the dosage to reach the required dry time. FlexiDry has three variable dry times from 7, 14 & 21 days to suit project timelines	Yes	Yes
Does changing dry times require technical approval from the Architect or the Design Engineer?	No – eliminates any delay and this feature is a unique benefit only achievable with FlexiDry . Different drying timelines on demand remove the time delay associated with the approval process required when product specifications need to be changed	Yes	Yes
Can bay sizes be increased with this screed system?	Yes – due to the highly controlled drying process this reduces shrinkage and risks of random cracking enabling much larger bay sizes	Yes	No
Is there any waste issue with the screed?	No – FlexiDry Floor Screeds are mixed on site and therefore minimal waste is achieved by giving a huge reduction in nasty landfill	Yes	No
Can the screed improve thermal conductivity?	Yes – better compaction enables improved thermal conductivity (perfect for Underfloor Heating)	No published data	Yes
Are there any environmental advantages in using the product?	Yes – reduced thickness results in less cement being used reducing carbon footprint (1.25 tonnes of CO ₂ expelled in the production of every one tonne of cement). Recyclable	No published data	Can be recycled
Is the screed water repellent?	Yes	No	No
Can the screed be used internally and externally?	Yes	No	No
Does the screed have to be laid flat?	No – can be used to lay on falls. Also perfect for taking up intolerances	Yes	No
Logistical advantages	Yes – low concentrated volume reduces handling and transport costs both on and off site	none	none
Performance	<ul style="list-style-type: none"> – very low shrinkage – minimal cracking – will not curl – increased compressive strength 	<ul style="list-style-type: none"> – low shrinkage – minimal cracking – will not curl – increased compressive strength 	<ul style="list-style-type: none"> – shrinks – cracks – curls – n/a