PROVEN PERFORMANCE

TOPFLOW SCREED A SKY, THE SHARD, LONDON
**Tarmac’s Topflow Screed A Sky is a blend of synthetic calcium sulphate binder, selected aggregates, special additives and clean potable water, to produce a pumpable self levelling, flowing screed manufactured to BS EN 13813:2002.**

**THE CHALLENGE**
The original specification called for a site batched screed to be used. The challenge was delivering regular, small quantities of screed from our batching plant to site and then up the jump lift with minimal disruption. Progressive Group, who were contracted to install the screed, required a more logistics friendly solution which could also drastically reduce installation times. The building's busy central London location meant continuity of material supply was crucial, as once screeding has commenced, it is imperative for it not to be interrupted.

**OUR SOLUTION**
We supplied our own bespoke Topflow Screed A Sky mix which was pumped up 52 storeys. Tests were carried out to establish the right blend of materials to cope with the 75 bars of pressure exerted in pumping the screed, without the material segregating. The flowing screed was pumped through a five inch pipe to most parts of the building. We contributed to the selection and modification of the pump to achieve the best delivery of the product. Mixer trucks were lined up to ensure continuous supply of material, achieved thanks to Topflow Screed A Sky’s minimum of two hours' flow retention.

**RESULTS AND BENEFITS**
Tarmac’s Topflow Screed A Sky can be laid in large areas up to 800m² or 300m² when combined with underfloor heating (UFH), achieving screed thickness as little as 30mm. Drying times are typically four weeks shorter compared to a 65mm sand and cement screed and Topflow Screed A Sky can be forced dried when combined with UFH. It has the added benefit of an average 36% recycled content.

For more details contact your topflowscreed@tarmac.com or call 0800 1 218 218