

DESIGNED SPECIFICALLY
FOR USE IN **MODULAR**
CONSTRUCTION SYSTEMS

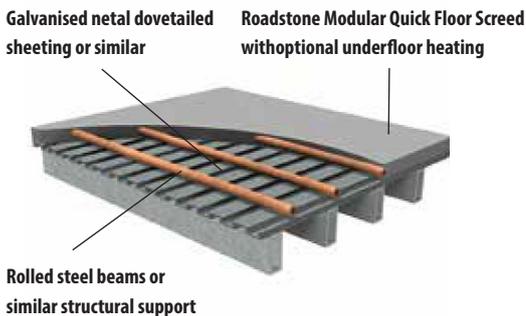
**MODULAR
DATASHEET**

DESCRIPTION:

Roadstone Modular Quick Floor Screed is made to exacting standards to IS EN 13813:2002. It is a combination of high quality Gypsol binder, specially selected sands, water and special additives where required. It is designed specifically for use in Modular construction systems and screed is suitable for the encapsulation of an underfloor heating system, either electric or warm water. Roadstone Modular Quick Floor Screed is suitable for use in both residential and commercial property, including apartments, schools, prison units, hospitals and single dwellings where light weight and durable modular floors are required. Roadstone Modular Quick Floor Screed also improves the environmental and durability characteristics and gives a concrete feel to a light weight steel floor.

For project specific advice on design and for a Model Specification Template, contact our technical and specifications team.

TYPICAL APPLICATION SCHEMATIC



PHYSICAL DATA

Appearance	Grey fluid mortar, can vary depending on location
Density	Wet 2200kg/m ³
	Dry 2000kg/m ³
Minimum Required Strength	CA-C30-F6
Required Flow (EN 13454-2)	230mm to 270mm
Reaction to Fire	Class A1fl Non Combustible

PERFORMANCE DATA

Working Time :	place and finish within 3 hours of batching
Foot Traffic	24 to 48 hours
Loading	5 to 7 days
Drying (20°C/60% RH)	1 mm per day for first 40mm
	0.5mm per day there over
Force Drying	Can be force dried after 7 days

ENVIRONMENTAL DATA

Recycled Content	Binder	98%
	Mortar	up to 40%
Carbon Emissions	Binder	10 to 30kg/tonne
	Mortar	30 to 50kg/m ³
VOC	Virtually zero	
Recyclability	100%	

HEALTH AND SAFETY DATA

Roadstone Quick Floor Screeds are delivered to site ready to use via offsite mixing plants, removing the need for labour intensive site mixing and associated mixing equipment.

Roadstone Quick Floor Screeds are pumped directly to where they are needed, removing much of the manual handling operations required to install other screeds.

Roadstone Quick Floor Screeds are generally pumped using equipment with closed or gridded dispensing hoppers, removing risk of contact with moving machinery.

Roadstone Quick Floor Screeds are finished using a lightweight dapping bar requiring no secondary compaction, thus removing most of the physical work needed to lay other screeds. This significantly reduces the negative impact on the musculoskeletal system of installing contractors.

