

INSTALLATION

Minimum Depth		
Floating	Domestic	65mm
	Commercial	75mm
Unbonded		50mm on slip membrane - No embedded services
Bonded		65mm with the use of primers
Underfloor heating		50mm cover over pipes

* For depths > 65mm Commercial and light Ind SCC concrete - structural screed available.

Consideration should be given to take account of maximum bay length as well as maximum bay size and aspect ratio e.g. a corridor 2m wide will require a joint frequency of 1 joint per 4m. A room 4 m wide by 10 m long will require two joints breaking the areas into 3 equal size panels. The shape of the room and the aesthetic effect on the subsequent floor coverings should be taken account of when designing joint configurations and bay sizes.

Additional joints must be placed between independently controlled heating circuits, between heated and unheated screed areas and in areas of high thermal gain.

Bay Size (m ²)		
Floating	Domestic	40m ²
	Commercial	40m ²
Unbonded		40m ²
Bonded		40m ²
Underfloor heating		20m ²

Bay joints should be formed using rigid joint formers where possible which can be placed during the preparation phase and will remain in place during operation. Ideally the joint former should be 5mm lower than the finished floor screed depth to allow a smooth transition in height between bays. As with all screeds, joints should reflect structural joints in the substrate.

EDGE DETAILING

In common with all screeds Roadstone Easy Level Screed should be isolated at all edges, abutments and columns. This is to ensure adequate allowance is given to the screed to undergo the maximum positive movement under the application or removal of thermal loadings.

EDGE STRIP WIDTH

Heated Screed: 8mm (typically 10mm)