

# PAVING ON CONCRETE SLABS

## BEST PRACTICE GUIDE



MARCH 2021

### LAYING CONCRETE PAVERS ONTO CONCRETE

When laying concrete pavers onto concrete, delamination can be a major issue. Here are some best practice tips:

- Saturate concrete slab well ahead of starting. This stops the slab drawing the moisture out of the mortar.
- High pressure water blast concrete slab to improve the bond
- Use bonding additive in mortar (Sika emulsion 93 or similar)
- Apply cement slurry with bonding additive to back of pavers (Sika Emulsion 93 or similar) when laying.
- Keep the mortar relatively stiff and not too wet.
- **Reason:** As you tap the paver to level it and the mortar is too wet the excess water rises to the surface and sits underneath the paver. When the excess water evaporates it leaves a cavity between the top of the mortar and the underside of the paver. This causes a reduced bond and may lead to delamination



Ideal mortar mix



Too wet

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**Before installation, if you have any concerns or questions please make contact with your local Firth representative or call 0800 800 576.**