

WAGNERS

Earth Friendly Concrete (EFC)

RESIDENTIAL

POLISHED EFC

Earth Friendly Concrete® (EFC®) provides your customer with the lowest CO₂ emission concrete available in the world.

A honed or polished EFC® slab floor takes footings to the next level and combines the lowest carbon footprint possible with the low energy benefits of exposed concretes' thermal mass.

LOW CO₂ EMISSIONS



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EFC CONTAINS NO CEMENT

Globally, the production of Portland cement is responsible for eight per cent of all manmade greenhouse gas emissions.

EFC[®] has a geopolymer binder that is made from the chemical activation of two recycled industrial waste bi-products, flyash and slag. **This recycled binder reduces the CO₂ emissions associated with Portland cement.**

EFC DURABILITY PERFORMANCE

EFC[®] offers the highest resistance to the common forms of concrete degradation in normal concrete due to the different chemistry of the geopolymer binder.

The following properties mark EFC[®] as one of the highest performing concretes for extreme durability environments:



High sulphate resistance



High chloride ion ingress resistance



High acid / sewer resistance



Low shrinkage



Low heat of reaction

