

# *Stone Heritage*

## POLISHED CONCRETE

### **Polished Concrete**

The **Stone Heritage Polished Concrete System** is a process that is applied after the concrete is Honed.

The **Stone Heritage Polished Concrete System** is a sequence of steps that uses a combination of diamond grinding machinery and penetrating sealants that are applied during the polishing process. This sealant penetrates into the pores of the concrete and forms a gel locking up the free lime and calcium which hardens and densifies the surface of the concrete. This enables us to continue polishing and reach a 3000 grit diamond cut, we then apply an advanced lithium silicate that is buffed at high speed to create a great amount of heat hardening the floor further and resulting in a high gloss finish.

**"Polished Concrete"** by definition can only be achieved at 1800 grit and above and results in a refined 'polished' surface that does not require a polyurethane coating.

**Stone Heritage Polished Concrete System** is a unique flooring system that includes the following benefits:

- **Harder longer life** concrete floor than other suppliers can provide using standard products.
- **Easy to clean.** Polished Concrete has a low friction resistancy meaning that it is smoother and less likely to attract grime.
- **High scratch resistant**, more so than other standard floor finishes.
- Anti-static, unlike polyurethane's that attracts dust, **the healthier option**
- Friction driven. **Foot traffic increases shine!**
- **Low maintenance cost.** To revive to original gloss we simply buff the floor again with our dustless machine.
- **Cost efficient.** Initially costs more than standard Honed or Ground but far exceeds its life span and maintenance costs, costing you less in the long run.
- **Thermal mass properties** of a polished concrete floor saves you on the heating bill when north facing windows allow the sun to heat the concrete which holds the heat when insulated.
- Many different **colour and finish options** are available to complement your surrounding environment.