

Allied Concrete

READY Polished

Bringing concrete
to life.



The cost-effective quality finish

Ready Polished is designed specifically for polishing and available in a wide range of colours and stone combinations that can be used indoors and out.

Ready Polished is cost-effective and affordable when compared with alternative floor finishes. Combined with its ability to help reduce a home's heating and cooling requirements, a concrete floor's durability, fire resistance, sound insulation, value for money, and huge variety of decorative finishes are second to none. Ready Polished can be used with Ready Colour, Ready Exposed and Ready Glow to create a truly unique effect.

Where to use it

Ready Polished can be used indoors and outdoors. You can also have Ready Polished in conjunction with other floor coverings such as carpet and tiles. Applications include:

- Residential Homes
- Bars
- Warehouses
- Restaurants
- Supermarkets
- Offices
- Schools
- Cafe's

Benefits

- High gloss, attractive finish
- Excellent abrasion resistance provides extra long life
- Stain resistant against oils, many acids, fats and grease
- Easy maintenance - damp mop or machine scrub
- Strong and durable
- Provides thermal comfort (as part of a passive solar design)

READYPolished

Design

It's as easy as 1, 2, 3.....

Step 1: Pick a colour

Select one of our popular Ready Colour's



Step 2: Choose the pebbles

Our Ready Exposed range varies in each region due to the aggregates and pebbles sourced from local rivers. View alliedconcrete.co.nz or contact your local Allied Concrete branch to view the Ready Exposed range samples.

Step 3: Finish

Grinding options:

Salt and Pepper: Light grind revealing a low stone exposure.

Mid Grind: Medium grind revealing a half stone exposure.

Full Grind: Full grind revealing full stone exposure.

Flexible design

If you choose to use Ready Polished in specific areas of your build, Allied Concrete and your contractor can work with you to ensure that Ready Polished is only placed in the areas that you require so you are not paying more than you need to.

Crack minimisation

To reduce the risk of cracking, talk to Allied Concrete about our Post Tensioned flooring and other technical solutions that might be the right answer for you.

Find our more information online at www.alliedconcrete.co.nz



Laying Ready Polished

Preparation is the key to any successful concrete floor. Ensure your concrete placer is aware that they are laying a Ready Polished floor so they can take the following precautions.

Reduce the risk of uncontrolled cracking

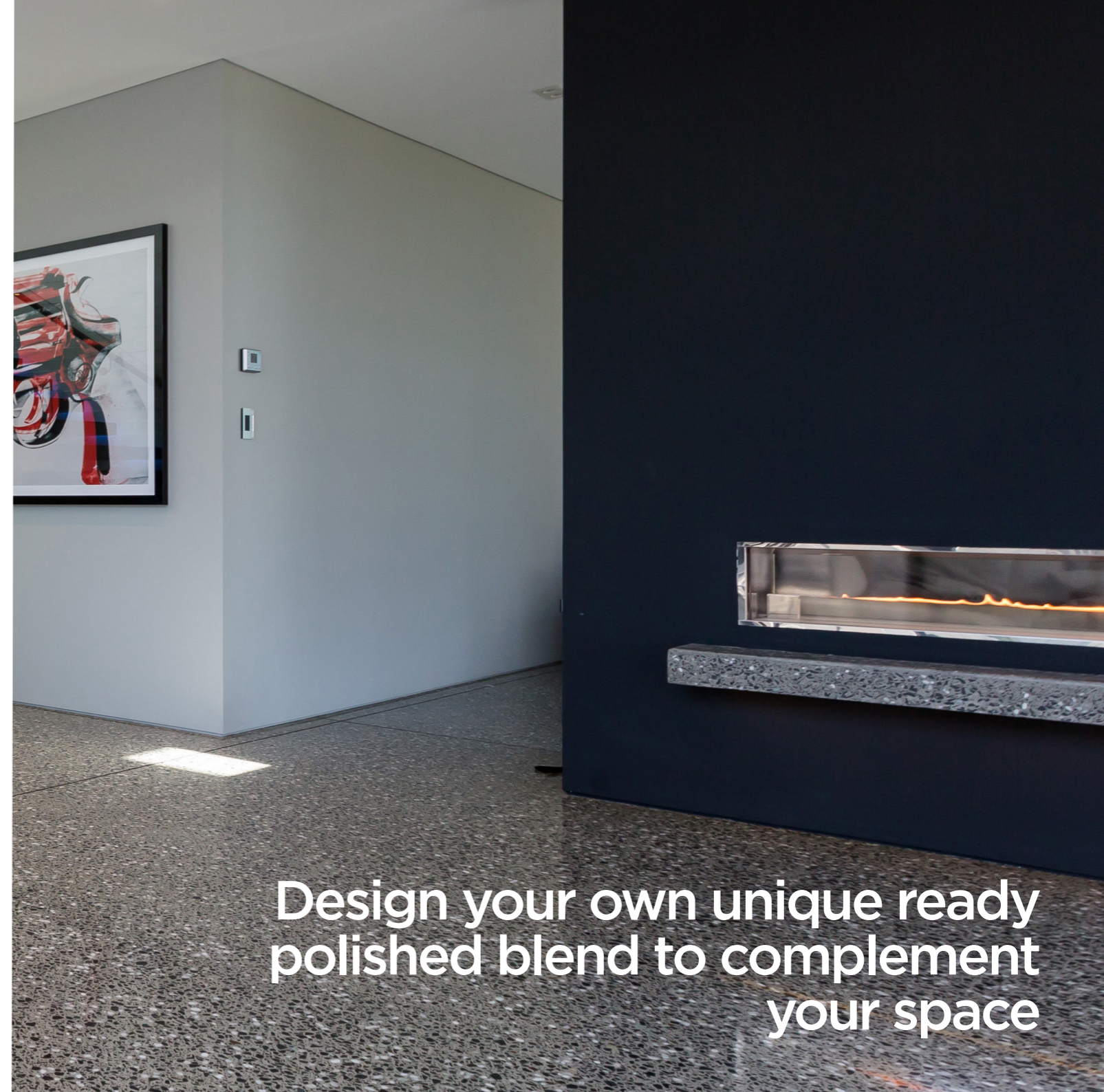
1. Wrap all protrusions such as drain pipes with a compressible foam (needs only to be 5mm thick) to stop the slab hanging up on it.
2. Place some substantial trimmer bars with some washer plates at each end, hard up against all re-entrant corners. Placing them away from the corner enables the crack to initiate (bad). The risks of associated loss of cover are less than the risk of uncontrolled cracking.
3. Get the under-slab area smooth and flat. Consider 2 layers of polythene to reduce friction between the ground and the slab.
4. Concrete block footings (web intrusions) could cause additional edge restraint and lead to uncontrolled cracking. In critical situations consider high quality timber forms instead to lower the edge restraint risk.
5. Adjust the floor footprint where ever possible to accommodate the saw cutting plan. Locate the joints under walls where ever possible.

6. Try to eliminate any additional restraint due to ground beams and consider how the concrete will try and move as it expands and contracts with heat. Consider propriety doweling systems instead of conventional reinforcing ties. This design may require specific input from a structural engineer.
7. Consideration must be given to cutting. Saw cuts must be done as soon as concrete can be walked on and within 24 hours of the concrete being poured. The cuts must be at least 1/4 to 1/3 of the overall slab thickness to be effective.
8. The use of underfloor heating can significantly increase the risk of plastic cracking and precautions should be taken to reduce this risk.

Over Vibration

Over-vibration can effect a floor causing aggregate to sink to the bottom leaving noticeable imperfections in the overall finish.

Care must be taken when placing your Ready Polished floor. Concrete is the only material that arrives on site in its unfinished state. This means that its final appearance will be influenced by site conditions and workmanship. Variations in surface colour, texture and consistence in surface composition are inevitable.



Design your own unique ready polished blend to complement your space

Allied Concrete

Consult your Allied Concrete representative for specialised information.

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www.alliedconcrete.co.nz