



REPEL 54 MOULD RELEASE

REPEL 54 is a water-based concrete setting retardant. It has particular application as a release agent for the moulding of pebblecrete facing panels.

- **Repel 54** performs better than petroleum-based mould release agents but with no health, safety or environmental impacts – see [MSDS](#).
- **Repel 54** excels in the manufacture of decorative pebblecrete facing panels for buildings and highway applications such as bridges and embankments. Petroleum-based agents used to produce this type of panel have still required extensive use of labour to grind residual concrete off embedded river-washed pebbles, causing a severe dust nuisance in the local environment. **Repel 54**, used in appropriate amounts, permanently stops curing of the surface layer of concrete up to 6mm distant from the coating. Using **Repel 54**, the moulding of concrete containing decorative pebbles allows normal curing of the supportive concrete backing of the panel, but the contact area – the thin concrete layer covering what will become the face of the panel – remains permanently undercured. When the moulding is removed from the mould, exposure of the decorative pebble face merely requires removal of the undercured material by high pressure hosing.
- **Repel 54** works well with concrete made with different types of cement and with fly ash, water reducers and other additives.
- **Repel 54** may be applied by conventional spray equipment, brush, or cotton cloth. Absorbent plastic sponges are not recommended.
- **Repel 54** has similar viscosity in both hot and cold weathers, and can be sprayed using similar tips and settings year round. **Repel 54** has good adhesion to all surfaces. When applied to vertical surfaces at normal working thickness, it does not run or curtain.
- **Repel 54** may interact with residues of other types of mould release agents, so moulds should be cleaned before trials.
- **Repel 54** spills, oversprays and equipment are easily cleaned with soapy water. Wash water containing diluted residues of **Repel 54** may be reused in any concrete process.

[Click here](#) for important additional information about coverage, cleaning, applications and dilution

Available in 1000, 205 and 20 litre containers

	 <p>ABN 22 051 628 454</p>	<p>Berryessa Pty Ltd Lonsdale, South Australia Phone 0408 656946 Fax 08 8278 1903 www.berryessa.com.au richard@berryessa.com.au</p> <p>Designers and manufacturers of specialty products for the concrete industry</p>
<p><i>Proudly designed and manufactured in Australia.</i></p>		