

## Description

Macro Structural Synthetic Polypropylene Fibre.  
These fibres show very defined ductile behaviour characteristics. Performance levels are excellent in shotcrete.

## RAD65s



## Technical Information

• Material	100% virgin polypropylene	• Alkali Resistance	excellent
• Grade	hp565k	• Fiber Type	embossed
• Melt flow	3.5	• Packing	5KG boxes
• Specific Gravity	0.92	• Grasp Force between Fiber and Cement	530 + Mpa
• Melt point	170° c	• Color	Grey
• Fiber Length	65mm	• Electrical Conductivity	Low
• Width Mean	1.6825 mm	• Moisture Content	0.0%
• Thickness Mean	0.4822	• Standard Dosage	5- 9 kg/m <sup>3</sup>
• Strength	580 + Mpa min	• Fibres per Kg	36,000 ± 1,000

## Benefits

The unique packaging allows cost saving in transport, storage and handling, with the combined use of water soluble wrapping there is no waste to dispose of.

## Packaging, Storage & Product Information

- 5KG boxes - fibres wrapped in water soluble plastic pucks (Parallel Packed) in biodegradable boxes.
- Entire package is thrown into the mix this allows for easy handling whilst leaving no waste on site.
- Allow 3 to 5 minutes at mixing speed for fibres to disperse evenly throughout matrix.
- Can be added to the mix at any stage during batching.
- Store protected from the weather.
- The RAD65s is uniquely designed and packaged allowing it to be evenly dispersed through the matrix, insuring no balling or pumping problems will occur.
- Environmentally friendly recycled packaging with no waist.

## Quality & Testing

The RAD65s is Australia made and owned assuring a high quality product, backed by our research and development team.

### RDP TEST RESULT FROM PANELS SPRAYED UNDERGROUND

Diameter of Panel 795mm: Thickness of Panel 76mm. Standard Deviation of Thickness 1.3mm.

Radial Cracks 3. Dose Rate: 8kg

Energy Absorption at the Following Central Deflection:	Direct Absorption	Corrected Absorption
Energy Absorption at 5 mm Deflection, (Joules) =	89	88
Energy Absorption at 10 mm Deflection, (Joules) =	191	188
Energy Absorption at 20 mm Deflection, (Joules) =	377	373
Energy Absorption at 40 mm Deflection, (Joules) =	598	593

Example of RAD65s RDP test sprayed at Raleigh

Average Fibre Count / 200mm: 38 Certificate No. : 08-WG-3120 / C400 Approved Signatory : J.Reid

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