



## MICROCONE PM60

### Thixotropic Polymer Repair Mortar

#### Description:

MICROCONE PM60 is supplied as a ready to use blend of dry powders, which requires only the addition of clean water to produce a highly consistent, lightweight repair mortar suitable for general purpose concrete and masonry repairs.

#### Uses:

- Vertical and overhead repairs
- General concrete and masonry repairs
- Voids greater than 10 mm deep
- Repairs to honeycombing, Larger scale repairs where formwork cannot be erected

#### Advantages/Characteristics:

- saving time and expense of multiple applications
- Obviates the need for formwork
- Polymer-modification provides extremely low permeability to water, carbon dioxide and chlorides.
- Excellent bond to the concrete substrate

#### Product Standard Compliance:

- ASTM C157-93: Test for drying shrinkage
- DIN 1048 Pt. 5: Test for permeability
- BS 1881 Pt. 122: Test for water absorption

#### Company Standard Compliance:



#### Technical Information:

Properties	Specification
Appearance	Grey Colour Powder
w/p Ratio	0.18
Permeability (DIN 1048 Part 5)	< 10 mm
Compressive strength (BS 1881 Pt.1161)	>45 N/mm <sup>2</sup> at 7 days >65 N/mm <sup>2</sup> at 28 days
Flexural strength (BS 6319 Pt. 3)	> 10 N/mm <sup>2</sup> at 28 days

#### Application Procedure:

- Clean the concrete surface from dust, oil, grease if present on surface.
- Remove destroyed part from particular place up to healthy layer.
- Wet the surface by sprinkling clean water.
- Place the MICROCONE PM60 prepare paste to patches and let it to set and then cure as recommended.

#### Benefits:

- **Cost effective** - shrinkage control enables repairs to be completed 'right first time'
- **Enhanced durability** - works in tandem with extremely low Permeability to prolong effective working life.

- **User friendly** - specifically developed to provide an easy to- apply product, suitable for local conditions
- **Definable performance** - positive benefits are easily demonstrated via a single, simple measurement

**Packaging:**

MICROCONE PM60 is supplied in 25kg bags.

**Storage & Shelf life::**

MICROCONE PM60 has a shelf life of 12 months; if kept in a dry environment, in its original, unopened packing. If stored in conditions of high humidity and/or temperature, the shelf life may bereduced to as little as 4 months.

**Value Base:**

All technical data stated in this product datasheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

**Health & Safety:**

MICROCONE PM60 contains cement powders which, when mixed with water or upon becoming damp, release alkalis which can be harmful to the skin. During use, avoid inhalation of the dust and contact with skin or eyes. Wear suitable protective clothing i.e, Mask - eye protection, gloves and respiratory equipment.

In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

 <p>Indian Green Building Council</p>	<p>It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.</p>
	<p>ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.</p>
	<p>ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.</p>
	<p>ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance</p>

	<p>This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.</p>
	<p>Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.</p>
	<p>ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.</p>

Country: India

format: RCPL/QA/025-00

issue Date: 2024-12-01 07:29:44



**REDWOP CHEMICALS PVT. LTD.**

Head Office Regd. Office: 2nd Floor, Pearlplaza Complex, Nr. GT Sheth School, 150 ft. Ring Road, Rajkot Gujarat (IN) 360005 India

✉ info.redwop@gmail.com 🌐 http://redwop.net 📞 9724655551 📠 0281 2576664