



Microcementi™ QHA-200

Microcementi™ QHA-200 is a high-performance quick-hardening admixture developed for use in cementitious systems. It provides rapid setting and early strength development, while improving crack resistance through controlled expansion.

KEY FEATURES

- Adjustable handling time (20 minutes to 2 hours) with standard modifiers (e.g. tartaric or citric acid).
- High early strength: 10–30 MPa achieved within 6 hours of curing.
- Reduces shrinkage cracking due to expansive properties.
- Suitable for fast turnaround applications requiring quick demolding or early service strength.

APPLICATIONS

- Quick-hardening grout and repair mortars
- Self-levelling compounds
- Decorative mortars
- Rapid repair of concrete and precast elements
- Small product demolding requiring accelerated strength

MECHANISM OF ACTION

Early strength is obtained via ettringite formation ($3\text{CaO}\cdot\text{Al}_2\text{O}_3\cdot 3\text{CaSO}_4\cdot 32\text{H}_2\text{O}$), generated from hydration of amorphous calcium aluminates prior to the primary cement hydration reaction. This void-filling reaction provides rapid set and improved dimensional stability.

TYPICAL PROPERTIES

Property	Value
Appearance	Greyish white powder
Specific Gravity	~2.92
Blaine Specific Surface Area	6000 cm ² /g
Recommended Dosage	5–25% by weight of cement



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia

chemport.com.au

PACKAGING

- 25 kg bags
- 1000–1200 kg jumbo bags

STORAGE & SHELF LIFE

Store in sealed, original packaging in a dry location, protected from moisture and direct sunlight. Product maintains stability when stored as recommended.

SAFETY

Refer to the product Safety Data Sheet (SDS) for complete information on handling, storage, and regulatory compliance.