

# Technical Datasheet

Ver 2106.1.0



**AQUACEM**

# FIBER CEMENT CEILING TILES

CE



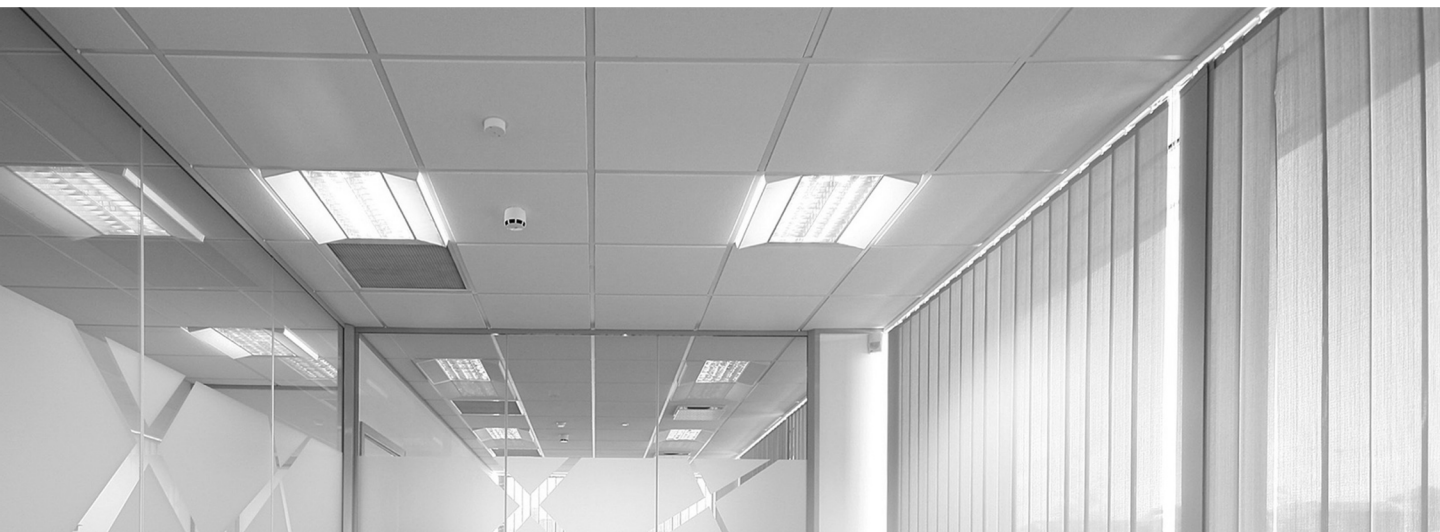
## Description

Aquacem Fiber Cement Ceiling sheets made using autoclave technology and can stand extreme conditions in Industrial, Commercial and Residential areas. Aquacem Fiber Cement Ceiling sheets have thermal resistance and dimensional stability even under prolonged exposure to moisture. It can use Offices, Factories, Residences, Sports complexes, Libraries, Corridors, and many interior applications.

A suspended ceiling is otherwise known as the “drop ceiling” is a little different from the conventional ceiling. The suspended ceiling is a flat ceiling built below the roof on soffit slabs or existing ceilings. This exposed grid system has become more popular because of its flexibility and speedy installation. This system is economical too. The system consists of a pre-coated wall angle, main, and cross “T”.

## Technical Performance

Physical Feature	Unit	Result	Test Method
Thickness Tolerance	mm	±0.2	EN12467
Length Tolerance	mm	±2	EN12467
Width Tolerance	mm	±2	EN12467
Squareness	mm/m		1 EN12467
Density	kg/m <sup>3</sup>	1300±50	EN12467
Modulus of Rupture Value (wet)	mpa	>7	EN12467
Modulus of Rupture Value (dry)	mpa	>10	EN12467
Nail ability		Good	
Fire Properties			
Fire Propagation		Class “0” (<2)	BS 476 Part 6
		Class 1	BS 476 Part 7
Surface Spread of flame		Class “A”	ASTM E84
Ignitability		Class “P”	BS 467 Part 5
Combustibility		Non-Combustible	BS 476 Part 4
Smoke Development Index		Class “A”	ASTM E84
Moisture			
Content	%	<10	EN12467
PH		10 to 12	
Water Absorption	%	<30	EN12467
Water Tightness Test		Pass	
Durability Properties			
Freeze/Thaw		PASS	EN12467
Heat-Rain		PASS	EN12467
Warm Water		PASS	EN12467
Soak-dry		PASS	EN12467



**AQUA BOARDS BUILDING MATERIALS FZ-LLC**

SMBA0398, Compass Building

Al Shohada Road, Al Hamra Industrial Zone-FZ

Ras Al Khaimah, United Arab Emirates

License No.: 5023855 | Tel: +971 2 5514275 / +971 50 297 1300

Company Registration No: 0000004032773

Website: [www.aquacem.world](http://www.aquacem.world) | Email: [commercial@aquacem.ae](mailto:commercial@aquacem.ae)

Manufacturing Unit:

No. 752, Baseline Road, Colombo 09, Sri Lanka

