

# Technical Data Sheet

## Plycem Exterior Cement Board

### General Information

**Code & product name:** 1323827 MICROCONCRETO RICALIT PARED EXT. 18MM 1220X2440MM

**Description:** Plycem Exterior Cement Board is a product designed for use in internal and external walls. This product can be coated with basecoat, obtaining wall systems with a monolithic finish and highly resistance to impact and humidity.

### Product components

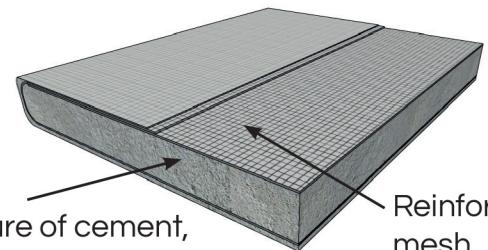
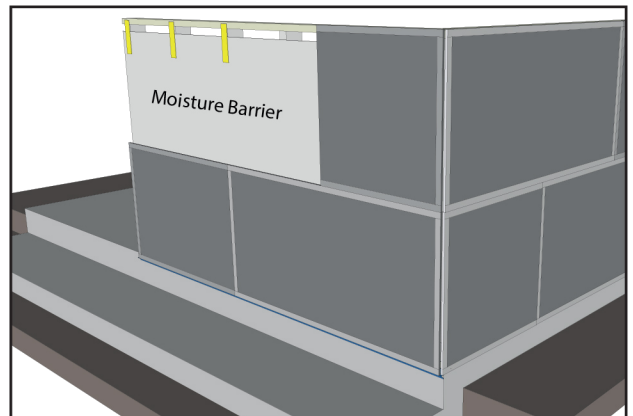
Made with Portland cement, aggregate, lightening compounds and other aggregates.  
This product has reinforcing mesh on both sides of the board.

### Nominal measurements

| Description          | Size     | Tolerance |
|----------------------|----------|-----------|
| Thickness            | 18.0 mm  | ± 1.8 mm  |
| Useful width         | 1220 mm  | ± 6 mm    |
| Length               | 2440 mm  | ± 6 mm    |
| Squareness tolerance | 2.0 mm   | ± 1.2 mm  |
| Edge straightness    | 2.0 mm/m | ±1.5mm    |

### Technical Specifications

| Description                                                                                      | Value |
|--------------------------------------------------------------------------------------------------|-------|
| Wet flexural strength (MPa)                                                                      | ≥4.0  |
| Equilibrium flexural strength (MPa)                                                              | 8.70  |
| Density (g/cm3)                                                                                  | 1.40  |
| Moisture movement(%)                                                                             | 0.092 |
| Water tightness (Is there dripping on the underside?)                                            | NO    |
| Heat/rain resistance (Does it show cracking, spalling, soft material, wet top side or buckling?) | NO    |
| Wet - dry performance (RL)                                                                       | 0.89  |
| Warm water performance (RL)                                                                      | 1.00  |



Mixture of cement, aggregates, lightening compounds and other additives.

Reinforcing mesh.

### Other characteristics

|                        |      |
|------------------------|------|
| Weight (kg)            | 48   |
| Coverage per unit (m2) | 2.97 |

This product complies with National Technical Regulation RTCR 491:2017 and INTE/ISO 8336:2018

RL: 95% lower confidence estimate of the ratio where the individual ratio as follow:

$ri = ti/ci$

Where:

$ti$ =flexural strength after water immersion

$ci$ =control flexural strength