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EPS +
CEMEX SHOTCRETE



CEMEX
Building a better future

EPS + CEMEX SHOTCRETE



Fast, economical and sustainable solution for commercial and residential construction



CX SHOTCRETE+EXPANDED POLYSTYRENE PANELS (EPS) Is our solution for your projects with a tight and very demanding finishing schedule. A prefabricated panel that consists of three dimensional steel wire mesh and a polystyrene insulation foam that once joined, you end up with a THREE-DIMENSIONAL lightweight panel. To complete the construction process, CX SHOTCRETE is placed in both sides at construction site. This system can provide additional benefits like reducing your DEWA Bill by 15% to 20%.

Features and Benefits

Suitable For:

- ↳ Bearing Walls Panels
- ↳ Non-Bearing or Partitioning Walls
- ↳ Floor or Slab Panels

Advantages:

- ↳ Fire resistance up to 120 minutes
- ↳ Acoustic performance up to 50 Db
- ↳ Flexibility of design (No beam system required)
- ↳ Superior K (0.084) value compared with concrete blocks
- ↳ Increase site productivity by speeding construction time (120 m² per day output)
- ↳ Can score points for LEED or ESTIDAMA.



PERFORMANCE FOOTPRINT



TECHNICAL DATA

Concrete Grade(N/mm ²)	15 to 40
Slump (mm)	150 to 230
Slump Retention (min)	90 to 150
Maximum Aggregate (mm)	5
Typical Density (Kg/m ³)	2,400
Cement Type	OPC, SRC, MSRCP
Supplementary Cements	GGBS, Microsilica, PFA