

MERCATO ROOF-LEVEL EXTERIOR WALL: REPAIR & THERMO-SHIELD COATING

August 2011

MERCATO MALL, JUMEIRAH, DUBAI

TOTAL AREA: 4500M²



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info@thermoshield.me



This is the condition of wall before works commenced. Cracks are peppered all over the wall.

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Pressure washing done at 3000 psi



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Cracks are exposed. Poor quality concrete mix seems to be the main problem.

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Piece of shell, which was part of the concrete mix!



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Cracks have been filled with Thioflex filler, and acrylic putty as a finish



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After pressure wash, cracks on the entire wall surface – 700 sq m of area, was exposed. Care has been taken in filling the cracks with Acrylic Putty, to ensure the surface area doesn't crack any further. Once the Thermo-Shield coating is applied, the wall surface will be weather-proofed from moisture and heat.

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Thermo-Shield has been spray painted as a base coat, with an airless sprayer.



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Thermo-Shield Exterior (in color) rolled in three coats. There are no signs of crack, the wall is now weatherproofed.



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