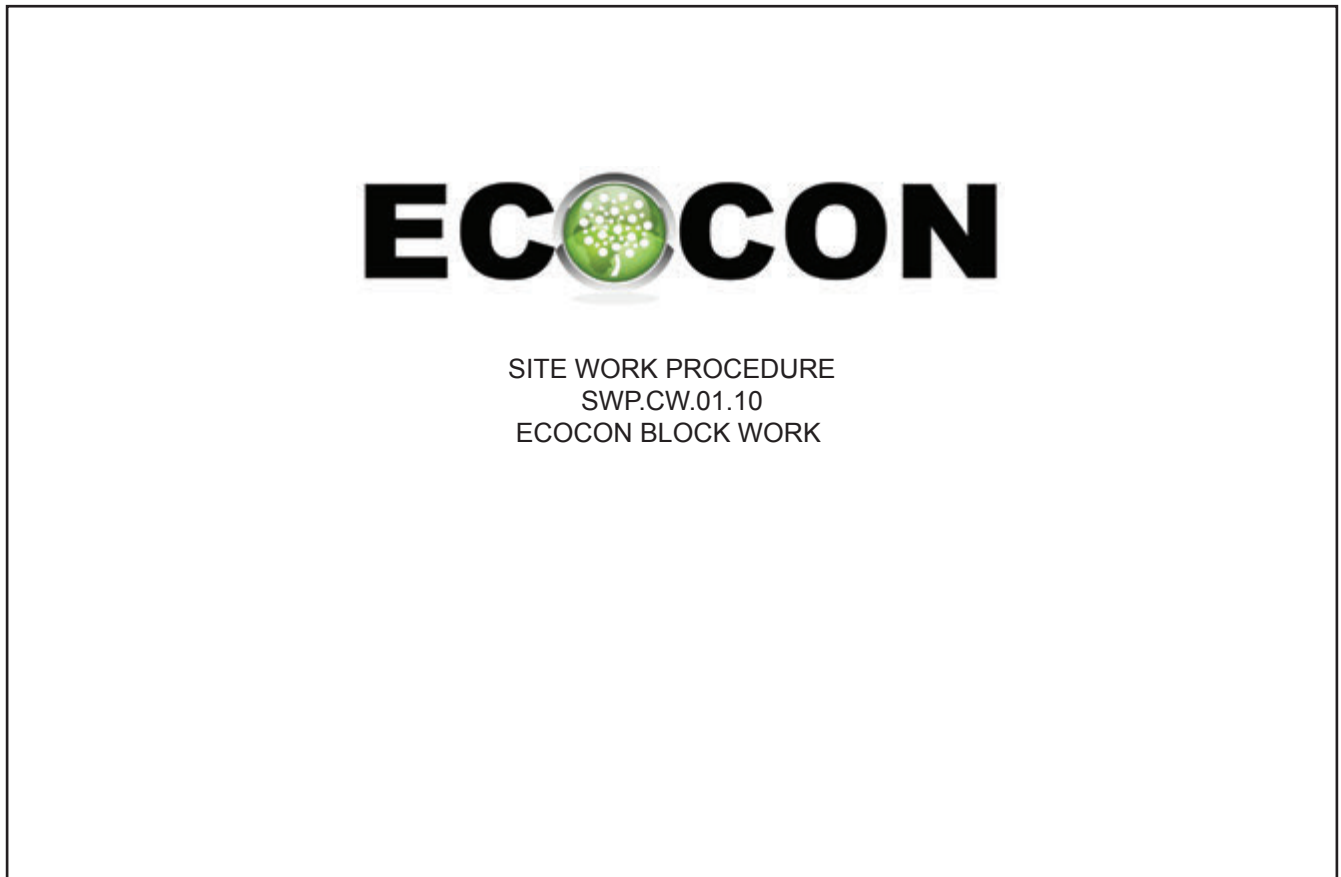


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SITE WORK PROCEDURE		Doc. No.	SWP.DC.30.01
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Title	ECOCON BLOCK WORK	Date	



1	Revision-1	
2	Original Issue	30.01.2015
Rev.	Revision information	

Originated by	Reviewed by	Approved by
Signature	Signature	Signature

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Decoration Cornice Work

1.0 OBJECTIVE

To describe the procedure of installation of ECOCON Blcks ofor the UAE customers.

2.0 GENERAL INFORMATION

Ecocon Group introduce new product to construction market which gives an excellent opportunity to consultants, contractors, decorators and home ownersto replace ordinary block with ECOCON Nanocrete (light weight cellular concrete) block, used for buildings, utilities and concrete fence installation.

3.0 REFERENCE

Project Approved Drawings
Applicable Building Code

4.0 PROCEDURE

4.1 MATERIALS

We deliver ready shaped blocks with supplying materials, such as:
ECOCON Glue adhesive in a paper bag, fiberglass mesh
Please note that size of block can vary upon customer request.

ECOCON BLOCK TEC HNICAL SPECIFICATIONS

Dry Density	500 kg/m ³
Strength	2.0 N/mm ²
Durability	50 years
Fixing	Glue
Outdoor usage	Yes
Fire rating	4 hours



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ECOCON Glue Technical Specifications:

Description	ECOCON «GU»
Material consumption	3,5 -4,5 kg/m ² using spatula with teeth 6 x 6 mm
Layer thickness	2- 15 mm
Batch proportion	0,20 -0,25 liters of water per 1 kg of dry mix (5,00 -6,25 l per 25 kg)
Average daily application temperature, ° C	+5... +25
Mixture spreadable life	1 hour after mixing
Open time	up to 20 minutes after applying
Drying period	48 hours (for +20 °C and relative humidity 65%)
Start of service	In 72 hours
Foundation bond resistance	1,03 M Pa
Permeability index, mg/m ² *h*Pa	Not less than 0,1
Freeze resistance, class	75 cycles , F75
Inflammability, group	B1, not inflammable
Combustibility, group	Г1, not combustible
Colour	grey

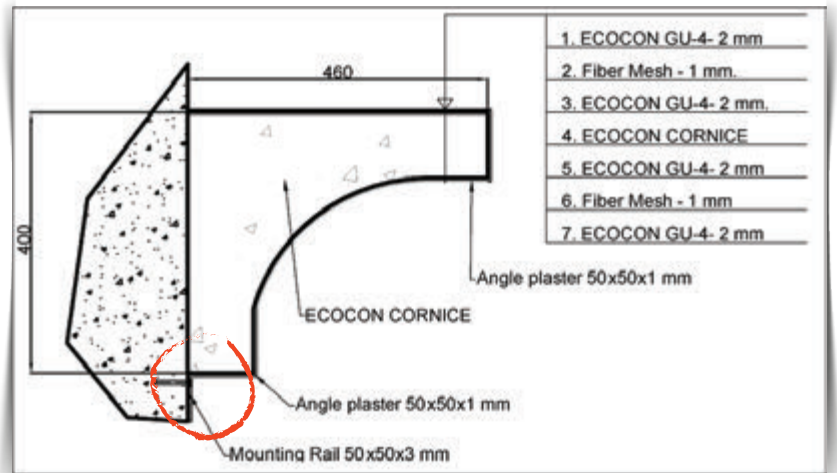
Installation of ECOCON BLOCKS

- 1) Mix ECOCON Cornice Glue with water as per instruction manual attached o the bag
- 2) Apply generous breads of glue on the whole back surface of block.
- 3) Stick well plastered block to the wall.



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4) In case if the construction has support ledge, cornice is placed on it to provide maximum stability. If there is no such support, metal mounting rail with sizes 50x50x3 mm should be attached to the wall to provide additional support to the block.



5) Some situation may require to use anchor bolts to fix cornice firmly.

6) All corners should be covered by Angle plaster to avoid roughness.



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7) All remaining area is covered by fiberglass mesh. Firstly you have to apply the layer of ECOCON glue, apply fiberglass mesh and another layer of glue afterwards.



8) The final step is priming and painting



Quality assurance procedures

In the building and construction industry, reputation and trust are the cornerstones for continued growth. In order to build customer confidence, the industry must stand behind the quality of its work

- 1) In one day after installation of cornice it is necessary to conduct visual inspection.
 - a. Make sure, that there aren't any cracks especially at the place where block is attached to the wall.
 - b. If any faults or fractions are detected, it is necessary to execute remaking of this particular block. If fractions are large-scale, it is crucial to demolish all cornice and reinstall it.
 - c. If fractions are detected between the blocks it is necessary to open it and fill with glue and plaster.
- 2) In one month after installation conduct visualizing research to make sure in absence on faults and cracks.