Test Report N. GF/2.2015

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Test: testing of degradation of **NOx** in air on **Calacatta Active**™ **300x150 cm**

Milan 22/09/2015

Date of receipt	10/09/2015		
Analysis start date	14/09/2015		
Analysis end date	21/09/2015		
Material	Ceramic Materials		
Product	Ceramic slabs in porcelain gres		
Sample	Calacatta Active 300x150 cm		
Test information			
	(SERINUS 40). • Reproducibility: the measurement was		

¹ J. Phys. Chem. C 111 (2007) 13222

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² Nanoscale Research Letters 4 (2009) p.97

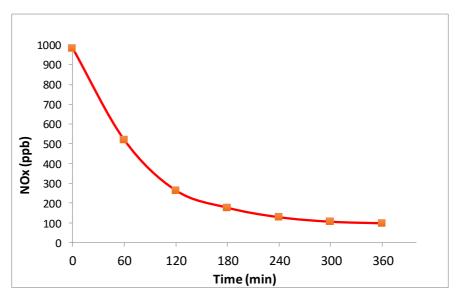
³ Cement and Concrete Composites, 36 (2013) 116-120

⁴ Chemical Eng J, 261, (2015) 76-82

repeated on no.	5 samples, cut and	randomly
chosen from # 5	different slabs.	

Results

The performance towards the degradation of NOx for the material under test is here reported.



Conclusions

The slab of porcelain grès <u>Calacatta ActiveTM 300x150 cm</u> appears to be **very active in the photocatalytic degradation of NOx in air**. In reference to the experimental data obtained after 6 hours of testing, the percentage of degradation of NOx is equal to **90.0%**.

The Scientific Director

Acoli J-Ru

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