

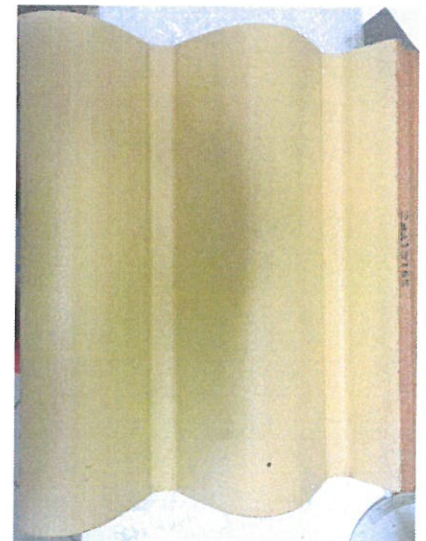
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### GENERAL INFORMATION

<b>Subject:</b>	Test report on testing activities to determine solar reflectance.		
<b>Client</b>	GAMBALE S.R.L. CORSO ITALIA 538 44043 MIRABELLO (FE) C.F. E P.I. 00370370389	<b>Client reference person</b>	Stefano Gambale +39 0532 849714 stefanogambale@gambaletegole.com
<b>Commitment document</b>	Mail dated 29/01/2016 signed by Stefano Gambale	<b>Report release date</b>	08/04/2016

### SAMPLE DATA

<b>Receipt date</b>	01/02/2016		
<b>Sample id. sub.</b>	-		
<b>ECRC id</b>	TS00000006		
<b>Manufacturer</b>			
<b>Product name</b>	Doppio Coppo Siculo		
<b>Sampling</b>	Supplied by the Client		
<b>Short physical description*</b>	Product type: painted concrete tile Substrate: Concrete		
<b>Sample thickness</b>	N.R.	<b>Total sample size</b>	458 x 385 mm
<b>Surface coated</b>	YES	<b>Coating thickness</b>	N.A.
<b>Surface state</b>	<i>variegated</i> NO	<i>aged</i> NO	<i>cleaned</i> NO
<b>Information on history and ageing*</b>	N.A.		
<b>Optical properties</b>	Diffusive reflecting	NO	
	Specular reflecting	NO	
	Intermediate reflecting	YES	
	Clear transmitting	NO	
	Translucent transmitting	NO	
	Opaque	YES	
<b>Notes</b>	Information on surface coating, aging and cleaning provided by the Client where known.		



Sample picture

The test results are based on the material supplied by the client. This report shall not be reproduced except in full without the written approval of this laboratory. This laboratory assumes no responsibility nor makes a performance or warranty statement for this material or products and processes containing this material in connection with this report.



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### TEST RESULTS

Test Date		Solar Reflectance (SR)	Standard Deviation	Measured Values		
11/02/2016	<i>Value</i>	<b>0.401</b>	0.004	0.399	0.398	0.406
<b>Reference Standard</b>		ASTM C1549-09				
<b>Reference Solar Spectrum</b>		ASTM Standard G173 Hemispherical Tilt				

*Notes*

This test was performed according to *ASTM C1549-09: Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Reflectometer* with air mass 1.5. A solar spectrum reflectometer Devices and Services SSR-ER was used. Calibration standards with low (0.000) and high (0.864) solar reflectance were provided by the instrument manufacturer

Measurements were conducted at ambient temperature of  $23 \pm 4^\circ\text{C}$  and relative humidity of  $40\% \pm 10\%$ .

The Responsible of EELab Laboratory  
Prof. Alberto Muscio

