



# Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 02/05/2019



Messrs **Ceramiche ATLAS CONCORDE S.p.A.**

Via Canaletto, 141  
41042 SPEZZANO DI FIORANO  
(MO)

**Confidential Test Report N. 0407/2019 /I**

Our ref.num.: 23960  
Date of request: 12/10/2018

## Test Specimen

"Portion of unglazed paver tile 45x90 cm obtained by cutting to original size 162x324 cm marked:  
ATLAS PLAN SILK 162cm x 324cm"

## Source

Submitted to Laboratory by Client

## Date Received

12/10/2018

## Time of test execution

start: 01/18/2019 end: 01/22/2019

## Test detail / method description / test procedure

" Determination of lead and cadmium given off by glazed tiles -  
Standard UNI EN ISO 10545 - 15:2000 "

*The report relates only to the sample(s) tested. This report must not be reproduced in part without the written permission of Main Laboratory Sassuolo, nor used in any way as to lead to misrepresentation of the results or their implications.*

Page 1 of 2

Mod. P025/1 rev.03



Confidential Test Report N. 0407/2019 /I

Page 2 of 2

Date 02/05/2019

**Ceramiche ATLAS CONCORDE S.p.A.**

Test specimen

"Portion of unglazed paver tile 45x90 cm obtained by cutting to original size 162x324 cm marked:

ATLAS PLAN SILK 162cm x 324cm"

**DETERMINATION OF LEAD AND CADMIUM GIVEN OFF**  
**BY GLAZED TILES**  
**(STANDARD UNI EN ISO 10545-15:2000)**

Definition: *exposure of the glazed surface of a ceramic tile to an acetic acid solution. Determination of the amount of lead and cadmium released into the solution by an appropriate method.*

Note: *The test has been executed on samples of a nature different from which the Standard was made for.*

$\rho_{(Pb)}$ : <0,05 (\*) mg/l

$\rho_{(Cd)}$ : <0,010 (\*) mg/l

$\rho_A(Pb)$ : --- (\*\*\*) mg/dm<sup>2</sup>

$\rho_A(Cd)$ : --- (\*\*\*) mg/dm<sup>2</sup>

where:  $\rho_{(Pb)}$ : is the concentration of Pb in the extract  
 $\rho_{(Cd)}$ : is the concentration of Cd in the extract  
 $\rho_A(Pb)$ : is the mass of Pb extracted per unit of surface  
 $\rho_A(Cd)$ : is the mass of Cd extracted per unit of surface

\* limit of detection of the instrument

\*\* not quantifiable

Note: Limits of exclusion indicated for the award of the Community eco-label to hard floor-coverings ("Ecolabel")

Pb < 0,8 (mg/dm<sup>2</sup>)

Cd < 0,07 (mg/dm<sup>2</sup>)

Mod. P025/I rev.03



THE DIRECTOR  
(G. Gaudin)