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OTTO-CHEMIE
Hermann Otto GmbH
Krankenhausstrasse 14
D-83413 Fridolfing
Germany

DL-12921A

Certificate

OBJECTIVE

To evaluate the staining properties of a silicone sealant when applied to porous substrates.

PRODUCT TESTED

OTTOSEAL SI 70 non-staining marble and natural stone silicone sealant.
Color: Black

TEST PROCEDURE

The sealant was evaluated for staining following procedures outlined in ASTM C 1248, "Standard Test Method for Staining of Porous Substrates by Joint Sealants". The substrate used was white Carrara Marble and the sealant was evaluated using a joint movement of +/- 20%. No primer was used.



TEST RESULTS

The test results are shown below:

1. Substrates compressed at standard conditions
 - 14 days exposure - No staining observed on white marble
 - 28 days exposure - No staining observed on white marble

2. Substrates compressed at 70° C
 - 14 days exposure - No staining observed on white marble
 - 28 days exposure - No staining observed on white marble

3. Substrates compressed in UV fluorescent test chamber
 - 14 days exposure - No staining observed on white marble
 - 28 days exposure - No staining observed on white marble

CONCLUSION

Based upon the results of this study, **OTTO CHEMIE OTTOSEAL SI 70** sealant does not cause a stain on white marble, a porous substrate, when tested in accordance with procedures outlined in ASTM C 1248.

DL Labs, Inc.

A handwritten signature in black ink, appearing to read 'Thomas J. Sliva'.

Thomas J. Sliva
Vice President/
Technical Director

cc: M. Lazaro, Jr.