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CALIFORNIA

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Sto Corp.  
6175 Riverside Dr SW  
Atlanta, GA 30331

RESEARCH REPORT: RR 24708  
(CSI #09220)  
Expires: May 1, 2025  
Issued Date: April 1, 2023  
Code: 2023 LABC

Attention: Kevin Schroeder  
(678) 928-3341

**GENERAL APPROVAL** – Technical Modification and Renewal - Sto Coatings on Interior or Exterior Noncombustible Substrates.

**DETAILS**

Sto coating systems of various textures and colors consist of acrylic and water-based co-polymer binder bases, synthetic resin plasters, portland cement, sand, stone chips and other special fillers. The coatings are applied by toweling, rolling, brushing, or spraying to a uniform thickness depending on the specific product being applied to the substrate.

The coatings listed below have a flame spread index of 25 or less and a maximum smoke-developed rating of 70 when tested in accordance with ASTM E-84.

<b>Brand Names</b>	<b>Testing Agency</b>	<b>Report Date</b>
<b>Sto Base Coats and Adhesives</b>		
Sto Primer/Adhesive-B	Southwest Research Institute	6/22/2007
Sto BTS-Plus Adhesive Base	U.S. Testing Co., Inc.	2/4/2000
Sto RFP	U.S. Testing Co., Inc.	9/25/1990
Sto BTS-Xtra	QAI Laboratories, Inc.	3/10/2010
Sto Armat Classic Plus	Intertek-ATI	9/4/2020
StoCast Wood Adhesive	Intertek Testing Services	5-12-2021
Sto Bonding and Pointing Mortar	Intertek Testing Services	9-4-2020

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StoColl Adhesive Mortar	Intertek Testing Services	3-17-2023
<b>Sto Air and Moisture Barriers</b>		
Sto Gold Coat	Intertek Testing Services	12/18/2018
Sto Gold Fill	U.S. Testing Co., Inc.	9/1/2000
StoGuard VaporSeal	Southwest Research Institute	1/30/2014
Sto AirSeal	Intertek Testing Services	7/20/2016
Sto Conformable Membrane	Intertek Testing Services	3-13-2023
<b>Sto Primers</b>		
Sto Prime	U.S. Testing Co., Inc.	3/22/1989
Sto Hot Prime	Omega Point Laboratories	7/28/2004
<b>Sto Finishes</b>		
Sto Essence D.P.R.	Southwest Research Institute	6/22/2007
Stolit	U.S. Testing Co., Inc.	9/25/1990
Stolit Lotusan	QAI Laboratories, Inc.	2/28/2009
Stolit X	Intertek Testing Services	10/28/2016
StoSilco Lit	Commercial Testing Co., Inc.	1/17/1991
Stolit HDP Finish	Intertek	03/11/2021
Sto Ventec Carrier board	Qai Laboratories	10/29/2019
StoCast Wood	Intertek Testing Services	5-12-2021
StoCast Brick	Intertek Testing Services	9-4-2020
<b>Stucco Finishes</b>		
Sto Powerflex	Commercial Testing Co., Inc.	1/17/1991
Sto Powerflex Silco	Southwest Research Institute	11/25/1992
<b>Coatings</b>		
StoColor Lastic	Intertek Testing Services	3/15/2019
StoColor Silcolastic	Intertek Testing Services	3/15/2019
StoColor Acryl Plus	Intertek Testing Services	6/28/2018
StoColor Dryonic	Intertek Testing Services	6/28/2018
StoColor Lotusan	Intertek Testing Services	8/12/2019
StoCast Wood Stain	Intertek Testing Services	5-12-2021
<b>Specialty Finishes</b>		

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Stolit Milano	Southwest Research Institute	1/30/2014
StoColor Metallic	Intertek Testing Services	4/22/2020

**Sto coating systems for application over interior or exterior noncombustible substrates are approved with the following conditions:**

1. Application of the coatings shall be in accordance with the manufacturer's technical bulletins. Copies of the bulletins shall be provided at each jobsite.
2. Where weather protection or waterproofing is required by Section 1402 and 1805, respectively, of the 2023 Los Angeles City Building Code or by the Department for special site conditions, such weather protection or waterproofing shall be provided by other approved means.
3. Where noncombustible construction is required by the 2023 Los Angeles City Building Code, the applied thickness of the coating shall not exceed 1/8-inch.

**DISCUSSION**

The technical modification is to add StoCast Wood to be part of the general approval and to capture compliance with the 2023 Los Angeles Building Code.

The report is in compliance with the 2023 Los Angeles City Building Code.

The approval is based on surface burning characteristics tests conducted in accordance with ASTM E-84.

This approval is only for those coatings which have been tested. Other coatings by the same manufacturer are not approved.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

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This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this approval have been met in the project in which it is to be used.

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EUGENE BARBEAU, Chief  
Engineering Research Section  
201 N. Figueroa St., Room 880  
Los Angeles, CA 90012  
Phone : 213-202-9812  
Email : [engineering-research@lacity.org](mailto:engineering-research@lacity.org)

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