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CALIFORNIA



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RESEARCH REPORT: RR 26045
(CSI # 10 73 13)

Expires: May 1, 2017
Issued Date: May 1, 2016
Code: 2014 LABC

GENERAL APPROVAL – Initial Approval – 3M™ Printable Fabric 9100

DETAILS

3M Printable Fabric 9100 consists of white, polyester woven fabric. The fabric is available in 60 and 120 inch widths. The fabric is flame and water resistant. The fabric is suitable for interior and exterior applications. Additional fabric properties are listed in table below.

Table 1: Physical Properties

Fabric Properties	Specification	Test Method
Weight	7.5 oz/yd ²	ASTM D3776-09
Tensile Strength (lbf)	Warp 245 lbf Weft (Fill) 301 lbf	ASTM D751-06
Break Elongation (%)	Warp 66.4% Weft (Fill) 65.3%	ASTM D751-06
Fire Resistance	Title 19-8, Section 1237.1 Small Scale, California Code of Regulations	

The approval is subjected to the following conditions:

1. Use of 3M Printable Fabric 9100 shall be limited to locations where combustible construction is permitted by the 2014 Los Angeles City Building Code.
2. The coated fabric shall be fabricated in a shop of a licensed fabricator approved by the Los Angeles City Building Department. Fabrication in unlicensed shops will invalidate this approval.
3. All design values, fabric properties and methods not included in this report, including but not limited to exterior application of fabric, shall be in accordance with requirements of the 2014 Los Angeles City Building Code.

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RE: 3M™ Printable Fabric 9100

4. The effects of leaching, weathering and laundering of fabric are beyond the scope of this approval.
5. 3M Printable Fabric 9100 shall be identified and stamped by the manufacturer's name and fire-resistant characteristics using indelible ink on the product label.

DISCUSSION

The report is in compliance with the 2014 City of Los Angeles Building Code.

The approval is based on data in accordance with ASTM D751 – Standard Test Methods for Coated Fabrics and California Title 19, Code of Regulations, Chapter 8, Section 1237.1 (Small Scale).

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.

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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