QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

1325 North 108th E. Ave.
Tulsa, OK 74116
918.437.8333 ph. | 918.437.8487 fx.

CLIENT: **Altro**
80 Industrial Way
Wilmington, MA 01887

Test Report No: TJ4025-1	Date: September 6, 2016

SAMPLE ID: Samples identified as: **Altro Symphonia color Primrose PH2039**

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on August 12, 2016.

TESTING PERIOD: August 15 – August 17, 2016

AUTHORIZATION: Signed QAI Proposal No: 16NT072602-01 by Richard Finnegan on July 27, 2016.

TEST PROCEDURE: Testing to ASTM F925; Standard Test Method for Resistance to Chemicals of Resilient Flooring

TEST RESULTS: Detailed test results are presented in the subsequent pages of this report.

PREPARED BY

Rocky Hale
Material Test Technician

SIGNED FOR ON BEHALF OF QAI LABORATORIES INC.

Joe Cavett
Project Manager

ASTM F925 Standard Test Method for Resistance to Chemicals of Resilient Flooring

Procedure: Condition specimens for 24 hr prior to testing. For testing liquid reagents place 1 in square filter paper on specimen, place 6 to 8 droplets onto filter paper, then place watch glass cover over reagent for 60 min. Remove filter paper with tweezers and blot dry . Visually examine the test area. Utilize scale of 0-3 with 0 = no change; 1 = slight change; 2 = moderate change; and 3 = severe change. The following categories should be rated; Surface Dulling – indicating that the specimen suffered from loss of gloss. Color Change - indicating that the specimen suffered discoloration or bleaching, or both. Surface Attack - indicating that the specimen suffered surface damage such as softening, warping, swelling, blistering, peeling, raised or rough area.

Altro Symphonia color Primrose PH2039

Reagent	Surface Attack	Color Change	Surface Dulling	Comments
White Vinegar	0	0	0	
Rubbing Alcohol	0	0	0	
White Mineral oil	0	0	0	
NaOH Solution	0	0	0	
HCl Solution	0	0	0	
H2SO4 Solution	0	0	0	
Household Ammonia Solution	0	0	0	
Household Bleach	0	0	0	
Disinfectant Phenol Type	0	0	0	
Kerosene	0	0	0	
Olive Oil	0	0	0	
Unleaded Gasoline	1	0	0	Slight Swelling
Betadine Solution*	0	1	0	Darkened

*-10% povidone iodine

***** END OF TEST REPORT *****

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CLIENT: **Altro**
80 Industrial Way
Wilmington, MA 01887

Test Report No: TJ4025-2	Date: September 6, 2016

SAMPLE ID: Samples identified as: **Altro Symphonia color Shore PH2005**

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on August 12, 2016.

TESTING PERIOD: August 15 – August 17, 2016

AUTHORIZATION: Signed QAI Proposal No: 16NT072602-01 by Richard Finnegan on July 27, 2016.

TEST PROCEDURE: Testing to ASTM F925; Standard Test Method for Resistance to Chemicals of Resilient Flooring

TEST RESULTS: Detailed test results are presented in the subsequent pages of this report.

PREPARED BY

Rocky Hale
Material Test Technician

SIGNED FOR ON BEHALF OF QAI LABORATORIES INC.

Joe Cavett
Project Manager

ASTM F925 Standard Test Method for Resistance to Chemicals of Resilient Flooring

Procedure: Condition specimens for 24 hr prior to testing. For testing liquid reagents place 1 in square filter paper on specimen, place 6 to 8 droplets onto filter paper, then place watch glass cover over reagent for 60 min. Remove filter paper with tweezers and blot dry . Visually examine the test area. Utilize scale of 0-3 with 0 = no change; 1 = slight change; 2 = moderate change; and 3 = severe change. The following categories should be rated; Surface Dulling – indicating that the specimen suffered from loss of gloss. Color Change - indicating that the specimen suffered discoloration or bleaching, or both. Surface Attack - indicating that the specimen suffered surface damage such as softening, warping, swelling, blistering, peeling, raised or rough area.

Altro Symphonia color Shore PH2005

Reagent	Surface Attack	Color Change	Surface Dulling	Comments
White Vinegar	0	0	0	
Rubbing Alcohol	0	0	0	
White Mineral oil	0	0	0	
NaOH Solution	0	0	1	Slight Dulling
HCl Solution	0	0	0	
H2SO4 Solution	0	0	0	
Household Ammonia Solution	0	0	0	
Household Bleach	0	0	0	
Disinfectant Phenol Type	0	0	0	
Kerosene	0	0	0	
Olive Oil	0	0	0	
Unleaded Gasoline	1	0	0	Slight Swelling
Betadine Solution*	0	2	0	Stained

*-10% povidone iodine

***** END OF TEST REPORT *****