FLEX-SURFACES
BY HABITAT-ONE

TECHNICAL DATA SHEET

Material performance and compliance overview

PRODUCT SPECIFICATIONS

Material Composition	Modified Clay Material
Installation	Acrylic Adhesive or Equal
Patent	China patent No.ZL 2019 2 0096552.5

TEST DATA

CE Certificate	EN 15102:2019	Compliant
Fire Rating	GB/T 14402-2007 GB/T 20284-2006	Class A2-S1
Freeze-Thaw Cycling	ASTM C1026-13	Weight Loss -0.42% Appearance - No visible change
Water Absorption	ASTM C97/C97M-15	12.00%
Bulk Specific Gravity		1.83
Stain Resistance	ANSI Z124.6-2007 Clause 5.2	Total Rating: 7.6 Max Stain Depth: 0.101 mm
Chemical Resistance	ANSI Z124.6-2007 Clause 5.5	No visible change
Abrasion Resistance	ASTM C241/C241M-15	Total Score: 8
Static Coefficient of Friction	ASTM C1028-07	Dry Condition: 1.11 Wet Condition: 0.70
UV - Light aging Exposure	ASTM G154-12a Cycle1 ASTM D2244-154 ASTM 2616-12	Gray Scale 4.0 ΔE*ab 2.6

CHEMICAL COMPOSITION

PVC Free		None Detected
Phthalate Free	EN 14372:2004	None Detected
Respirable Crystalline Silica Compliant	OSHA Silica Rule	Clay not part of substances of note in OSHA standard
SVHC-Substances of Very High Concern (151 substances)		None Detected-REACH Compliant
VOC-Volatile Organic Compounds		None Detected-Class A
Safety Data Sheet -SDS	Prepared in accordance with US Regulation 29 CFR 1910.1200	