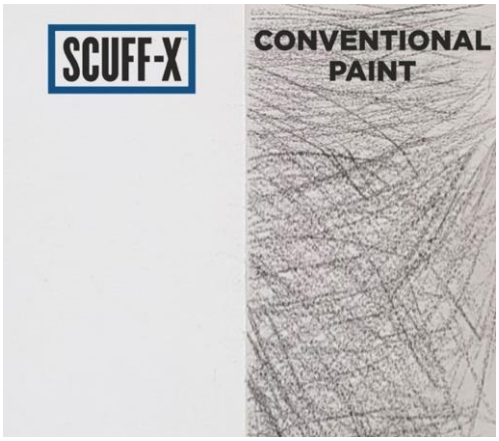
SCUFF-X®

INTERIOR EGGSHELL FINISH

N485

Waterborne, single-component paint with innovative and patented „Scuff-Resistant Technology" which resists scuffing before it starts. Especially engineered for painting of walls in toughest high-traffic interior spaces. Eggshell.



BENEFITS & GENERAL DESCRIPTION:

Waterborne, one-component, latex acrylic paint with innovative and patented „Scuff-Resistant Technology" **is the best solution in the high-traffic interior spaces like hallways and stairwells, hotels, waiting rooms, restrooms, offices, schools, gymnasiums and locker rooms, fitness clubs, fitting rooms, stores, restaurants, hospitals and surgeries.**

Product is also recommended for painting the walls in apartments and houses, especially wardrobes, corridors and kid rooms.

Innovative technology ensures that scuffing from heavy suitcase, plastic buckle backpack, a vacuum cleaner tube, plastic chairs and furniture, shopping carts, medical and diagnostic equipment is not visible.

Using **„**Scuff-Resistant Technology" instead the black marks in the place of contact mechanical factor with painted wall we can observe only the gloss-grade change (the only one way to remove the black marks in case of conventional paints is repainting the wall).

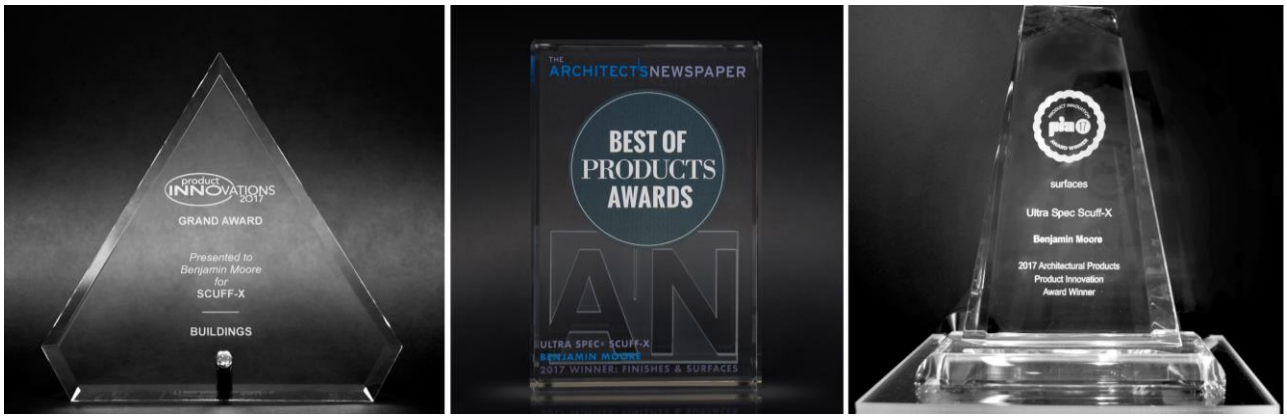
„Scuff-Resistant Technology" helps to save the buildings maintenance costs.

This breakthrough product offers superior durability and scuff-resistant properties than traditional 2-component coatings, without the strong odor, pre-mixing, short pot-life and application difficulties related to similar products.

SCUFF-X® INTERIOR EGGSHELL FINISH N485 creates the eggshell finish resistant to washing and wet-scrubbing (Class 1 [1.1µm] according to PN-EN 13300 Standard) as well exceptional resistant to stains (ketchup, mustard, coffee, coca-cola, etc.). Products dries quick and prevent to microorganisms developing on the paint layer. Paint meets the LEED® requirements v4.

PROPERTIES:

- ***innovative „Scuff-Resistant Technology" ensures the resistance to scuffing (black marks)***
- ***excellent washing, wet-scrubbing - Class 1 [1.1µm] according to PN-EN 13300 Standard***
- ***most common stains resistance***
- ***mildew resistant coating***
- ***exceptional flow and leveling properties***
- ***excellent durability, easy application and spatter-resistant***
- ***meets LEED® v4 requirements***



ULTRA SPEC® SCUFF-X® EARNS THREE HIGH-PROFILE INDUSTRY AWARDS:

- **"Grand Award" (1st place)** in the "Product Innovations program", BUILDINGS magazine.
- **„Product of The Year"** in the „Best Architectural Finish", Architectural Record's.
- **„Best Product Award"**, Architect's Newspaper.

Technical information – Pastel Base 1X	
vehicle type:	prioprietary acrylic dispersion
pigment type *:	titanium dioxide
volume solids*:	41.2 ± 2%
coverage:	approx. 10-12 m^2/l for one coat depending on surface texture, porosity and absorbing properties, application method and painting tool used. Test should be perform in order to determine the coverage of the given surface.
recommended film thickness: **- wet** **- dry**	 101-116,84 µm 43,18-48,26 µm
dry time (at temp. + 25°C and relative air humidity 50%): ***- to touch:*** ***- to recoat (the next coat application):*** ***- full cure and final technical parameters and durability:***	 min. 1 hours min. 3 hours min. 21 days
dries by:	evaporation and coalescence
viscosity *:	96 ± 4 KU
flash point:	none
gloss/sheen:	eggshell (15-25 @ 85°)
colors:	Bases 1X, 2X, 3X, 4X intended for tinting in the GENNEX® Platform system. Full range of Benjamin Moore colors.
wet scrubbing - testing according to PN-EN ISO 11998, classification according to PN-EN 13300 Standard:	**Class 1 with 1.1 µm film thickness loss after 200 cycles of scrubbing.**
reaction to fire:	Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84.
painted surface temperature:	min +10°C, max. +32°C
thin with:	not recommended, if needed use clean water
clean up thinner:	clean water
weight per 1 l *:	1,28 kg
storage temperature:	min. +5°C, max. +32°C
VOC:	**EU VOC limit for this product (Cat. A/a): 30 g/l (2010).** Max. VOC: < 20,5 g/l.
Natural environment protection/ecology:	**● Product qualifies for:** LEED® v4, CDPH Emission Certified, CHPS low emitting credit (Collaborative for High Performance Schools).
COMPLIANCE & CERTIFICATIONS:	OTC, OTC II, CARB, CARB07, CARB19, UTAH, AZMC, SCAQMD
packaging:**	3,78 l; 18,9 l

**** reported values are for Pastel Base 1X and can be different in case of other Bases.***
*****3,78 L = 1 gallon;***

RECOMMENDED FOR

Range of use: traditional cement-lime and cement plasters, thin-layered mineral and acrylic plasters, gypsum filling materials, gypsum substrates, dry walls, wallpapers, construction building blocks, concrete, latex paint coats renovation. It's also possible to apply the paint to primed or previously painted wooden and wooden-like surfaces, metal substrates and prepared and primed with a special adhesion primer glass, ceramic tiles or glass-fiber.

Surface preparation:

● new (not painted before) surfaces:

New cement-lime and cement plasters and concrete must be allowed to cure at least 4 weeks. Surfaces finished with gypsum fillers or plasters can be decorated after their full drying and curing. Remove dirt, dust, wax, grease and oil spots and loose or weak parts of substrate. All imperfections and cracks must be filled with a special patching compound, similar to original used one. Remove microorganisms (e.g. fungus and mildew) using a special agent. Prime the substrate according to below recommendations:

Walls prime with: SUPER HIDE® ZERO VOC INTERIOR LATEX PRIMER 354 or *FRESH START® HIGH-HIDING ALL PURPOSE PRIMER 046.*

In case of weak substrate in order to its reinforcement, before one of mentioned primer application use a primer *COROTECH® CLEAR ACRYLIC SEALER V027* or *ULTRA SPEC® MASONRY INTERIOR/EXTERIOR 100% ACRYLIC SEALER 608 00 CLEAR.*

On some difficult substrates with some spots and stains use a special priming paint *FRESH START® HIGH-HIDING ALL PURPOSE PRIMER 046*.

Wooden and wooden-like substrates: FRESH START® HIGH-HIDING ALL PURPOSE PRIMER 046.

Metal surfaces – non-ferrous metal (galvanized & aluminum) prime with: STIX® WATERBORNE BONDING PRIMER SXA-110 INSL-X brand.

Warning: the priming is a technological requirement in case of not primed or not painted substrates.

● previously painted surfaces:

Remove dirt, dust, wax, grease and oil spots, all paint layers and loose or weak parts of the substrate. The glossy surfaces must be dulled. All imperfections and cracks must be filled with a special patching compound, similar to original used one. Remove microorganisms (e.g. fungus and mildew) using a special agent.

In case of old paint layers renovation the test should be performed on small surface area. Positive result, decides on application of the product on the whole surface.

The priming is not necessary if existing coat is in an excellent condition. Exposed parts of substrate also those after the reparation must be primed with a proper primer from Benjamin Moore & Co. offer.

Walls prime with: *SUPER HIDE® ZERO VOC INTERIOR LATEX PRIMER 354* or *FRESH START® HIGH-HIDING ALL PURPOSE PRIMER 046.*
Wooden and wooden-like substrates: in case of partially reparations (small holes, mechanical damages, cracks, etc.) prime repaired places with *FRESH START® HIGH-HIDING ALL PURPOSE PRIMER 046.*
Metal surfaces – non-ferrous metal (galvanized & aluminum) prime with: *STIX® WATERBORNE BONDING PRIMER SXA-110* INSL-X brand.

In case of problematic and untypical surfaces like ceramic tiles, plastics, glass, glossy paint layer, etc., use adhesion priming paint *STIX® WATERBORNE BONDING PRIMER SXA-110* INSL-X brand.

● ***wallpapered surfaces:*** remove all wallpapers with a weak adherence to the substrate, remove old adhesive, sand, remove dust and glue using the proper adhesive. Remove dirt, dust, wax, grease and oil spots from wallpapers and prime with *SUPER HIDE® ZERO VOC INTERIOR LATEX PRIMER 354* or *FRESH START® HIGH-HIDING ALL PURPOSE PRIMER 046.*
Warning: use a primer in the color similar to the top coat (if there is a technical possibilities; see the details in TDSs of selected primer).

APPLICATION

The substrate must be solid, completely dry, clean and free of dust. The paint is in ready to use form. Stir thoroughly before and during use. Apply min. two coats after min. 4 hours from priming with *SUPER HIDE® ZERO VOC INTERIOR LATEX PRIMER 354*, min. 12 hours in case of *COROTECH® CLEAR ACRYLIC SEALER V027* or *ULTRA SPEC® MASONRY INTERIOR/EXTERIOR 100% ACRYLIC SEALER 608 00 CLEAR* and min. 24 hours in case of use *FRESH START® HIGH-HIDING ALL PURPOSE PRIMER 046.*
In case of use *STIX SXA-110* provide the min. time interval 24 hours. to 7 days (see the details in TDS of mentioned primer) before *SCUFF-X® INTERIOR EGGSHELL FINISH N485* application.

Apply with brush, roller or spraying gun. For airless method provide the following parameters: pressure 124÷206,8 bar and tip 0.015-0.017. Work using „wet in wet" system (that is, continuously, not allowing the paint to dry out when painting with a roller), avoiding creating overlaps.
The next coat apply after min. 3 hours. Technological breaks must be planned at the wall corners or other elements.
When painting job is conducted in high temperature, the relative air humidity below 45%, in direct sunlight or windy conditions add *518 EXTENDER* to *SCUFF-X* paint in the amount of max. 235 ml to 3,78 l paint. It's possible also to add some clean water in the same amount. Never add other paints or solvents.
Do not apply on the substrates painted previously with limewash or glue paints.
It is recommended to use BENJAMIN MOORE or PREMIER painting tools and Frogtape® (with PaintBlock Technology®) or KIP® and Painter's Matte Green® masking tapes.

Weather conditions during and after application:
Carry out the painting work at the air and substrate temperature > +10°C. The optimal conditions: + 20°C and relative air humidity 50%.

Drying time:
At the temperature of +25°C and relative air humidity 50% the paint dries approx. 1 hour. At mentioned weather conditions the next coat apply after min. 3 hours. The coat achieves the final parameters and resistance to washing with water after min. 21 days after application.

Clean up:
Wash painting tools in warm soapy water immediately after use.

Warning: Use system: paint *SCUFF-X™ INTERIOR EGGSHELL FINISH N485* and primers from Benjamin Moore & Co. offer. Ensure enough amount of paint from one production batch in order to avoid some color differences.
Do not use Bases 1X, 2X, 3X i 4X not tinted in GENNEX® Platform system.
Only GENNEX® Waterborne Colorants can be added to *ULTRA SPEC® SCUFF-X* paint.
The coat achieves the final parameters and resistance to scuffing as well as washing with water and wet-scrubbing after min. 21 days after application. Warning: the paint is not resistant to strong mechanical abrasion, which causes damages of paint layer and substrate. In the place of contact mechanical factor with painted wall it's possible to

observe the gloss-grade change. In spite of the paint excellent resistance to scuffing, some plastics may cause black marks visible impossible to remove from the painted surface.
In case of some colors it's possible to observe the phenomenon of slight color wash-off from the paint layer which do not have any negative influence on the final technical parameters and the esthetic effect.
Producer is not responsible for bad quality of the painted surface if the above instructions aren't obeyed. Producer is not responsible for the damages appeared in results of use over 3,78 l of paint, because to this quantity any defects of product should be demonstrated and notified in the proper point of sale.

ENVIRONMENTAL, HEALTH & SAFETY INFORMATION:

MSDS available on demand of consumer.

WARNING
Contains 1,2-benzoizotiazolin-3-on, 2-Methyl-4-isothiazolin-3-one

Hazard statements
H317 - May cause an allergic skin reaction.
EUH208 - Contains 3-iodo-2-propynyl butylcarbamate, methyl methacrylate. May produce an allergic reaction
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Precautionary Statements - EU (§28, 1272/2008)
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves.
P321 - Protect against consumption. If swallowed, seek medical advice immediately - show the packaging or label.
P501 - Do not pour liquid residues into sewerage systems. They should be referred to specialized companies with appropriate authorization for disposal. Empty cans and liquid waste should be recycled or disposed of in accordance with local regulations.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

EXPIRE DATE: 4 years from the production date in the factory-sealed package The expire date is indicated on the packaging.

CERTIFICATES: the product is qualified with Hygienic Certificate.

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