

## AM3452

## WATERPROOFING MEMBRANE

### PRODUCT DESCRIPTION

DURAPRO AM3452 is a ready-to-use waterproofing liquid membrane for installation under ceramic tiles, bricks, decorative stones, vinyl planks or engineered wood flooring. AM3452 can be applied on the floor, wall and ceiling. For light residential and commercial installations. AM3452 does not require the use of a reinforcement fabric for gaps of 3 mm (1/8") or less.

### PRODUCT FEATURES

- Ideal for damp locations
- Apply with brush or roller
- Provides crack isolation

### PREPARATION

Surface must be structurally sound, linear, clean, dry and free of contaminants. The room temperature must be between 10°C and 32°C (50°F to 90°F) with an RH not exceeding 65%. Fill cracks, joints, grooves or floor / wall transitions with mortar reinforced with DURAPRO AC0616 Concrete Weld. Smooth and allow to dry.

### SUITABLE SUBSTRATES

- Concrete
- Gypsum board
- Cement board
- Outdoor grade plywood
- OSB

### APPLICATION

The product is ready to use, no mixing necessary. Apply a layer of AM3452 using a 6mm (1/4") nap roller evenly on entire surface. Allow to dry completely then apply a second coat to ensure water tightness. Wet film thickness should be at least 6 to 8 mils. The membrane changes from pale blue to dark blue after drying. Once the membrane has completely dried to touch (4-6 hours), the ceramic tiles, bricks or stones can be installed with thin-set mortar. Allow to cure 5 to 7 days before installing moisture sensitive resilient, vinyl planks, or engineered wood flooring.

### TECHNICAL DATA

Viscosity	6500 - 7500 cps
Solids	55 - 58%
Colour	Wet: pale blue Dry: dark blue
Odour	Mild
Specific Gravity	1.10
pH	8.5 – 10.0
Drying time	4 hours
VOC	< 25 g/L
Flash Point	none
Water vapor permeance (ASTM E-96 procedure B) 40 MILS WET FILM THICKNESS	0.5 perms (28ng/Pa-s-m <sup>2</sup> )
Water vapor transmission (ASTM E-96 procedure B) 40 MILS WET FILM THICKNESS	4.9 g/m <sup>2</sup> /day (50%HR, 25°C)
Elongation	350%
Water resistance (ASTM D-2247)	No visible deleterious effects after 14 days exposure
Resistance to mold grow (ASTM D-3273)	No mold grow after 28 days
Nail sealability (ASTM D-1970)	Pass
Tensile adhesion (ASTM C-297)	Gypsum > 15 psi Exterior plywood > 65 psi Exposure OSB > 20 psi

### COVERAGE (on plywood)

1 Liter covers approximately 6.5 m<sup>2</sup> (265 sq.ft./gallon).

Note: Yields shown are based on theoretical calculations for comparison purposes and may vary depending on ambient conditions and particular application.

### RESTRICTIONS

- Do not use on joints or cracks greater than 3 mm (1/8")
- Do not use organic premixed adhesives for installation of ceramic tiles
- Do not use solvent based adhesives over the membrane
- Do not use for constant immersion
- Do not allow to expose as a top coat

### ORDERING & PACKAGING INFORMATION

Item code	Size	Units per Case	Units per row	Units per pallet
AM3452-378	3.78 L	2	20	100
AM3452-015	15 L	1	16	48

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### CLEAN-UP

Clean hands and tools with warm soapy water, waterless hand cleaner, citrus base cleaner or wet wipes before the product dries. If product has dried, use an adhesive cleaner or mineral spirits may be used with a clean white cotton cloth.

### STORAGE

Store indoor in a cool, dry location between 10°C and 35°C. Keep container closed when not in use. Protect from freezing. Product is freeze thaw stable to -10°C. Avoid prolonged or repeated freeze thaw cycles. Should product freeze, allow to thaw at room temperature and stir well before using.

### SHELF LIFE

Shelf life is 18 months at room temperature in original unopened container from date of production.

### DISPOSAL

Consult your municipality to dispose container and left-over in accordance with environmental regulations.

### ENVIRONMENT

VOC compliant for low emissions adhesives and sealants in place at the date of production (< 30 g/L less water, < 5% per weight). \* This product contains no added urea-formaldehyde resin. The use of this product may contribute in obtaining LEED credits.

### PRECAUTIONS

Keep out of reach of children. May cause slight eye and skin irritations. Avoid contact with eyes and skin. **FIRST AID TREATMENT:** If in eyes or on skin, rinse the affected areas with water. If swallowed, drink water and call a doctor. **For industrial user – Refer to Safety Data Sheet (SDS) for further information.**

### LOT CODE EXPLANATION

Sticker stamped on side panel of the container. Code consist on 6 digits: 2 letters and 4 numbers.

1<sup>st</sup> letter = last number of the year of production corresponding to the sequential alphabetic order (excluding I and J) (starts over at A every decade)

2<sup>nd</sup> letter = indicates the month of production corresponding to the sequential alphanumeric order (excluding I and J)

4 numbers = sequential batch number starting by 0001 on the 1<sup>st</sup> day of production in the annual calendar year.

Example: HF1234

1<sup>st</sup> letter H = 8<sup>th</sup> letter = 8<sup>th</sup> year = 2018

2<sup>nd</sup> letter F = 6<sup>th</sup> letter = 6<sup>th</sup> month = June

4 digits = 1234 = 1234<sup>th</sup> batch produce since January 1

### WARRANTY

Surface conditions, product application, storage and transport are beyond the manufacturer's control; liability, if any, is limited to the replacement of product ONLY. Product made for sale and for use in Canada.

### DISCLAIMER

Our personnel is available to help purchasers obtain best results from our products, and recommendations are based on tests and information believed to be reliable. However, since we have no control over the conditions under which our products are transported to, stored, handled, or used by purchasers, all recommendations and sales are made on conditions that we will not be held liable for any damages resulting from their use. No representative of ours has any authority to waive or change this provision.

### TECHNICAL SERVICES

Technical assistance is available by calling toll free 800-361-2340 (Canada only) or email at [durapro@dural.ca](mailto:durapro@dural.ca)

To acquire technical and safety literature, please visit our website at [duraproadhesives.com](http://duraproadhesives.com).

### REVISION DATE

March 2020

### MANUFACTURED BY

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