

AC0616

CONCRETE WELD

PRODUCT DESCRIPTION

DURAPRO AC0616 is synthetic resin for interior or exterior use, designed to increase the bonding properties of concrete. It promotes intercoat adhesion between old and new concrete. Used as an additive to portland cement mixes, AC0616 improves adhesion and reduce cracking in toppings, brick walls, patching or resurfacing concrete walls, floors or ramps. May also be used for stucco and plaster applications.

PRODUCT FEATURES

- Increases the bonding properties of concrete.
- Improves adhesion between old and new concrete.
- Reduces cracking

PREPARATION

Surfaces must be structurally sound, porous, clean, dry and free of contaminants. Ambient temperature, adhesive, materials and surface must be between 5°C and 30°C.

APPLICATION

Stir before using. Using a brush or a roller apply a coat of concrete adhesive mixture (1:1 mixture of AC0616 and water) on the surface. Wait 2 to 3 minutes, then apply the mortar mixture or sand/cement mix. Prepare the cement or mortar mixture as recommended by manufacturer. Pour the concrete weld into the mixing container first, then add the concrete mix. Use 2 litres of AC0616 per 30 kg of mixture. Mix thoroughly 1 to 2 minutes. Put in place the concrete mix within 20 minutes of mixing. Under normal conditions, drying time is 24 to 48 hours and complete curing requires 4 days.

COVERAGE

1 Liter covers approximately 5 m² (200 sq.ft./gallon) in surface area.

ATTENTION

Refer to concrete mix manufacturer's for detailed mixing and application instructions. Always add the concrete mix to the liquid. When drying is rapid due to high temperature or breeze, cover surface with wet burlap or plastic sheets and protect from direct sunlight for the first 24 hours.

CLEAN-UP

Clean hands, tools and equipment with water soapy water before the product dries.

PHYSICAL PROPERTIES

Viscosity	2,500 – 3,000 cps (4/20 rpm/25°C)
Solids	33 - 35 %
Colour	Cream white
Odour	Mild when wet No odor when dry
Specific Gravity	1.06
pH	4.5
Water Resistance	Excellent (when dry)
VOC calculated (SCAQMDR 1168) (Ecologo UL2762)	< 50 g/L less water < 5 % per weight
Flash Point	Non-flammable

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 if frozen not lower than -10°C in transit.

SHELF LIFE

Shelf life is 18 months at room temperature in original unopened container.

ENVIRONMENT

This product contains no added urea-formaldehyde resin. The use of this product may contribute in obtaining LEED credits.

DISPOSAL

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

PACKAGING AND ORDERING INFORMATION

Item code	Size	Units per case	Units per row	Units per pallet
AC0616-001	1 L	6	144	576
AC0616-004	4 L	4	36	108
AC0616-015	15 L	1	16	48
AC0616-PD	205 L	1	4	4
AC0616-CGT	1000 L	1	1	1

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

Lot code (batch number) is stamped on the lid or on the side panel of the container. Code consists of 6 digits: 2 letters and 4 numbers

1st letter = last number of the year of production corresponding to the sequential alphabetical order (excluding I and J) (starts over at A every decade) ;

2nd 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 1st day of production in the annual calendar year.

Example: BA0123

1st letter: B = 2022

2nd letter: A = January

4 digits = 0123 = 123th batch produce since January 1, 2022

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 use in Canada only.

DISCLAIMER

Our personal 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 phone at 800-361-2340 or email at durapro@dural.ca

To acquire technical and safety literature, please visit our websites at www.dural.ca and www.duraproadhesives.com.

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May 2025

MANUFACTURED BY

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