



ACRONAL[®] 4040

New styrene acrylic dispersion for concrete cure and seal

Features

- Excellent water retention
- Chemical resistance
- Fast drying, smooth final coating appearance
- Excellent adhesion to concrete
- Low-VOC and non-APEO

Properties

Solid content, weight %	ca. 45
Viscosity, cps	50
pH	ca. 7
Density, lbs/gal	8.6
Tg, °C	39

ACRONAL 4040

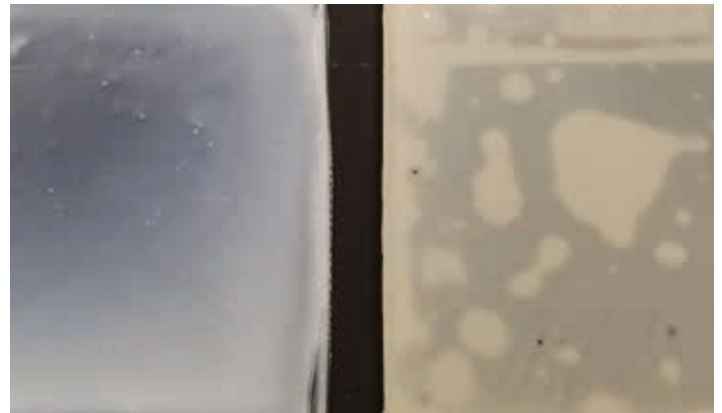
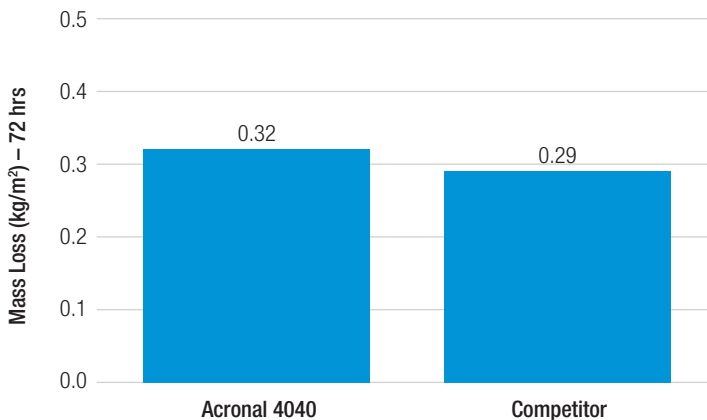
New styrene acrylic dispersion for concrete cure and seal

Curing of fresh concrete is important to develop its strength and durability. Curing coatings are used to retain water in the concrete during its cure while sealers are often applied after the cure to help protect and beautify the concrete, improve dusting, prevent dirt penetration, and enhance freeze/thaw stability.

ACRONAL 4040 is a new styrene-acrylic copolymer designed for water-based concrete cure and seal coatings to deliver both benefits of a curing agent and sealer in a single coating application.

Tested to meet standards

ACRONAL 4040 can be formulated into fast drying coatings which then exhibit excellent water retention (according to ASTM C 1315), alkali and acid resistance, strong adhesion to concrete, and excellent final coating appearance.



Excellent water retention – Formulations with ACRONAL 4040 pass Water Loss Test (ASTM C 156). Concrete with coating formulated with ACRONAL 4040 successfully prevent the loss of water over 72 hrs comparable to concrete with coating formulated with competitive latex.

Improved film appearance – Coating films formulated with ACRONAL 4040 (left) do not exhibit rapid yellow unlike formulations using competitive latex (right).

Contacts

Contact us to learn more about Acronal 4040 and our full portfolio of construction solutions.

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