

ARKSEAL R

Flexible rubberized bitumen emulsion

DESCRIPTION

ARKSEAL R is a flexible rubberized bitumen emulsion that produces an elastic, vapor proof and waterproof film which can withstand movements and will not crack under severe weather conditions. **ARKSEAL R** is easy to apply and can be diluted 1:1 in water to serve as its own primer, **ARKSEAL R** bonds fully to any substrate due to its high rubber content.

USAGES

- Protection for all concrete substructures
- Such as foundations, basements, and retaining walls bridges
- Over insulation boards that are to be bonded to porous surfaces
- Used as a crack filler in asphalt and concrete surfaces when mixed with fine sand
- Wet areas, bathrooms, showers, and kitchens

TECHNICAL DATA

ARKSEAL R

Typical values

Appearance	Brown/black
Density@25°C (ASTM D 244)	0.99 – 1.01
pH	11 – 12
Residue by Evaporation (ASTM D2939)	60 – 65%
Ash Content (ASTM D2939)	3.8%
Heat Resistance (ASTM D466)	No sagging
Service Temp.	-20 - 90°C
Non-Volatile Residue (ASTM D-2929)	90 – 93
Latex Content	10%
Adhesion	Over almost all construction materials

STANDARDS

ARKSEAL R is formulated to comply with all requirements of ASTM D4479 Type II.

ADVANTAGES

- Thick, elastic and can be diluted
- Sulphate resistant
- Excellent waterproofing for wet areas
- Good adhesion
- Can be used as a waterproofing sandwich between concrete
- Acts as mechanical key for some surfaces

USAGE INSTRUCTIONS

1. Surface preparation

All substrates shall be sound, clean, free from dust, grease & oil.

If necessary hot steam cleaning, light grinding or roughening by sandblasting when dirt and grease critically present.

2. Priming

Prime the surface with 1:1 ratio solution of **ARKSEAL R** in fresh clean water. Allow primed surface to become touch dry.

ARKSEAL R is designed as a primer & single coat application, however, two or more topcoats can be applied if desired.

3. Application

Stir **ARKSEAL R** thoroughly before use, use brush, squeegee or roller to apply a coat over the prepared surface as per the coverage rate, it is recommended to apply subsequent coats at an interval of 24 hours although this might be shortened depending on ambient temperatures.

ARKSEAL R is designed as primer, and single coat application. However, 2 or more topcoats can be applied if desired.

It is recommended to apply subsequent coats of an interval of 24 hours although this might be shortened depending on ambient temperatures.

STORAGE & SHELF LIFE

ARKSEAL R shall be stored in its sealed container under dry and shaded place in a temperature from 10°C - 35 °C, shelf life of the material is 12-months.

ARKSEAL R	Coverage
Horizontal surface	1.0 ltr/m ²
Vertical surface	0.3 ltr/m ²

4. Cleaning

Clean all tools and application equipment with a suitable thinner immediately after use. Hardener or cured material can be only removed mechanically or by hand tools.

PACKAGING

ARKSEAL R is supplied in 20 & 200 liters.

HEALTH & SAFETY

Before applying **ARKSEAL R**, all safety protections should be worn during application, such as safety goggles and rubber gloves to avoid any harmful accidents.

If **ARKSEAL R** is splashed to skin, it must be removed, before it hardens, with resin removing cream follow by water and soap at once, and if to the eyes seek medical attention immediately.

TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.
Please contact:
concretedoctor@arkaz.com

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