

ARKSEAL F

Fibered cold-applied solvent-based bituminous coating

DESCRIPTION

ARKSEAL F is a solvent based bituminous coating, formulated for pliable bitumen and a petroleum solvent, compounded with cellulose fibers, gelling/wetting agent, stabilizer and mineral stabilizers to strengthen the liquid bitumen to form a tough & elastic surface. Once cured **ARKSEAL F** will not crash when subjected to extremes of summer and winter condition.

USAGES

- Built-up roofing systems
- Metal roofs
- Exterior foundation walls
- Concrete decks
- Recommended for the maintenance of old bituminous roofs
- Exposed areas where coating is required
- In cold and hot regions

STANDARDS

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

ADVANTAGES

- Extreme cold-hot resistant
- Excellent bonding strength on dry surfaces
- Highly Workable
- Withstanding normal stresses
- Accommodates with the expansion and contraction of all roofing systems
- Exterior and interior application
- Excellent resistant to mild acids & Alkalis
- Shows no erosion or cracks when subject to UV

TECHNICAL DATA

ARKSEAL F	Typical values
Appearance	Liquid
Density @25°C (ASTM D1475)	1.01 – 1.03
Viscosity @25°C, cP	25,000 – 40,000
Bitumen content	51%
Water Content (ASTM D95)	< 0.05
Penetration @25°C (100g 5s)(ASTM D5)	20 – 40
Flash Point (ASTM D92)	> 40°C
Non-Volatile Residue	67 – 73%
Behavior @60°C	10 mm slump
Touch Dry	2 – 4 hours
Full Cure	10 – 12 hours
Service Temp.	-10 - 80°C

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

Rough concrete surfaces and brittle asphalt should be given a coat of **ARKSEAL PRIMER** prior to application.

Note that **ARKSEAL PRIMER** should be cured (Tack free) before application of **ARKSEAL F**.

3. Application

Apply **ARKSEAL F** by brush, squeegee or airless spray to the prepared surface as per the coverage rate, do not over-apply as doing so will increase the curing time.

ARKSEAL F is recommended as one coat application, however, if desired, a two-coat system can be used by having the recommended coverage rate liter/m²

detailed overleaf. Allow curing (touch dry) before applying second coat.

ARKSEAL F	Coverage
Smooth concrete	0.5 – 0.7 liter/m ²
Smooth asphalt	0.75 – 1 liter/m ²
Metal surfaces	0.4 – 0.5 liter/m ²
Dry Film Thickness (DFT)	425 μ

4. Cleaning

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

PACKAGING

ARKSEAL F is supplied in 20 & 200 liters.

HEALTH & SAFETY

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

If **ARKSEAL F** 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.

STORAGE & SHELF LIFE

ARKSEAL F 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.

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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