

# ARKSEAL D

Cold-applied solvent based bituminous damp-proof coating

## DESCRIPTION

**ARKSEAL D** is a non-toxic solvent based, cold-applied waterproofing coating, formulated with a selected petroleum solvent, a stable and superior quality bitumen and life enhancing additive. **ARKSEAL D** forms an elastic bituminous film which acts as a waterproofing barrier that resists the attach of weather, salts, mild acids and alkalis

## USAGES

- General purpose waterproofing
- Potable water tanks
- Underground structures, e.g., foundations basements, spouts, gutters, etc.
- Used as a saturating agent for old bituminous surfaces

## TECHNICAL DATA

ARKSEAL D	Typical values
Appearance	Black liquid
Density @25°C (ASTM D1475)	0.90 – 0.96
Viscosity @25°C, cP (ASTM D518)	250 – 350
Bitumen content	56%
Water content	< 0.05
Penetration @25°C (100g 5s)(ASTM D5)	25 – 30
Flash Point (ASTM D92)	> 40°C
Non-Volatile Residue	63%
Ductility @25°C	10 cm
Touch Dry	1 – 2 hours
Full Cure	3 hours
Service Temp.	-10°C – 80°C
Softening Point	63°C – 77°C

## STANDARDS

**ARKSEAL D** is formulated to comply with all requirements of BS 6949-91, bitumen residue conforms to ASTM-D 449 type II.

## ADVANTAGES

- Non-toxic
- Cold-applied
- Good chemical resistant for various chemicals such as acids, salts, alkali, and sodium sulphate.
- Weather resistant
- Good resistant to wet heat
- Forms an elastic film

## USAGE INSTRUCTIONS

### 1. Surface preparation

All substrates shall be sound, clean, free from dust, grease, oil, curing compound and releasing agents.

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

New concrete should be cured at least for 8 days.

### 2. Priming

The use of a primer is generally not required when using **ARKSEAL D**. However, where hard to bond substrates where highly porous substrates are in question, please contact ARKAZ local office for assistance on suitable primer choice.

### 3. Application

Apply **ARKSEAL D** 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 D** is recommended as one coat application, however, if desired, a two-coat system can be used by having the recommended coverage rate L/m<sup>2</sup> detailed overleaf. Allow curing (touch dry) before applying second coat.

<b>ARKSEAL D</b>	<b>Consumption</b>
Coverage	0.5 – 0.75 ltr/m <sup>2</sup>
Dry Film Thickness (DFT)	400µ

#### 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 D** is supplied in 20 & 200 liters.

## HEALTH & SAFETY

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

If **ARKSEAL D** 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 D** 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 24-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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