

# NIROL - W

(Cold - applied bitumen emulsion for waterproofing)



## **DESCRIPTION:**

- **NIROL – W** is a stable, water-soluble emulsion of bitumen, resins, and mineral stabilizers

## **PROPERTIES & ADVANTAGES:**

- It is cold applied on horizontal or vertical surface
- Has an Excellent and strong adhesion on structural materials such as (Concrete, metal, wood, bricks,.....etc)
- When it dries, it gives a strong shining black membrane
- It is not affected by atmospheric factors
- Resists attack of chlorides and sulphates likely to be present in ground water
- Solvent free
- Easy to apply without any heating thus economical in cost and labor

## **USES:**

- \* As a damp – proof membrane for :
  - Concrete and masonry
  - Foundation footings
  - Ground beams
  - Retaining walls and basements
- \* Priming coat for general uses
- \* Protective coating for concrete

## **SPECIFICATION:**

- Complies with ASTM D 1227 type III class I and DIN 18195 parts 2



## **TECHNICAL PROPERTIES:**

The properties of **NIROL – W** are:

S.G at 25 C°	1.058 ± 7%
Ph at 25 C°	8.08 ± 5%
Solid content	38% - 45%
Min drying Temp.	+2C° up to +40C°
Bone dry	Approx 2 hours
Complete hardening	App 2 – 3 days
Shelf life at 20 C°	12 months

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Modern Waterproofing Company





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## **APPLICATION PROCEDURE:**

- The surface must be clean from dust and dirt
- **NIROL - W** should be stirred well before application
- A primer coat is applied of **NIROL - W** after dilution with water 10-20% using ordinary painting tools that have been wet before use
- The dilution is increased in case of highly porous surfaces or when using spraying equipment
- Apply two coats at right angle. You can begin applying the second coat when the color has turned from brown to black. This takes approximately from 20 to 30 min. depending on the nature of the treated surface
- After use check that drum or pail should be closed well

## **COVERAGE:**

All given rates depend on substrate conditions

- As waterproofing coat: 750 - 1000g/m<sup>2</sup> (2coats)
- As a protective coat: 250 gm/m<sup>2</sup> (1coat)
- As a primer coat :  
200 gm/m<sup>2</sup> to 250gm/m<sup>2</sup> (1coat)

## **TOOL CLEANING:**

- The tools must be cleaned immediately after use with water and then with petroleum solvent (white spirit)

## **HEALTH AND SAFETY:**

Like all chemical products, avoid contact of **NIROL - W** with eyes, mouth and skin. If accidental skin contact occurs, remove immediately with clear water and seek medical treatment.

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## **Modern Waterproofing Company**

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## **STORAGE:**

Keep out of direct sunlight in covered store.

## **QUALITY CONTROL:**

The Modern waterproofing Company is ISO9001 certified. It applies a stringent quality control system utilizing its in-house laboratory. Occasional sample are analyzed by independent laboratories to ensure continued adherence to the highest standards (ASTM, DIN, UNI, etc)

All products are manufactured in strict accordance with quality management systems ISO 9001-2000

## **SHELF LIFE:**

**NIROL - W** has a shelf life of one year provided that the product is stored under good storage conditions.

## **PACKING:**

- Available in :  
Drums : 175 kg  
Metal Pail : 18 kg  
Plastic Pail : 15 kg  
Plastic Pail : 10 Kg

## **Distributor :**



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