

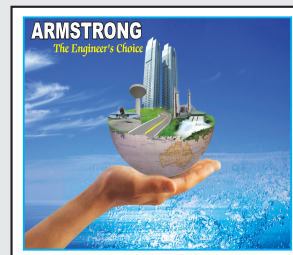
ISO American Global Standards  
Certified ARMSTRONG's Product

# ROOFGUARD IIS-603<sup>TM</sup>

(High Performance Corrosion Preventive Inhibitor and Impregnation Systems)

## DESCRIPTION OF PRODUCT

**ROOFGUARD IIS-603** – Unique product specially designed for surface applied corrosion inhibitor and impregnation of steel reinforced concrete with advanced technological formulation when applied on a concrete surface it penetrates and forms into a protective layer of monomoleculars on the surface of the reinforced steel. It acts as a prevention and protection of corrosion effect to the imbedded steel reinforcement. It plays vital role for maintenance and service of the concrete structures in combined with **ARMSTRONG** concrete repairs and rehabilitation systems.



## ADVANTAGES

- Ideal to use as a protective inhibitor delays the commencement of corrosion and reducing the rate of corrosion effect.
- High durability of the treatment with long term protection.
- High performance of corrosion inhibitor without the change of appearance of the concrete structure.
- High performance and long lasting corrosion preventive coating for protection of steel and iron of embedded concrete elements.
- Easy to apply economic product for extension of service life of reinforced concrete, protects the concrete structures and can be protected historical structures.
- High protection to both the cathodic and anodic zones of steel reinforcement.
- High penetration and impregnation ensures embedded steel reinforcement against all types of carbonation and corrosion effects along with its surrounding areas.

## USES :

Ideal to use as corrosion protection of steel reinforced concrete elements above or below the ground level. Highly suitable to use as a dependable treatments for undamaged reinforced concrete Where steel reinforcement was at a risk from corrosion

Ideal to use to control the corrosion effect caused due to the carbonated or chloride contaminated concrete.

Ideal to use as a repair product for the existing concrete repair surfaces and its surroundings.

Specifically designed to use for extending the maintenance and service life of valuable concrete surfaces by protection against all types of corrosion effects.



## PROPERTIES

	PROPERTIES	RESULT
1	Complies	EN 1504-9 Method 11.3
2	Substrate Temperature	+ 5°C Min to + 45°C Max
3	Air Temperature	+ 6°C Min to + 42°C Max
4	Type of application	Brush / Spray
5	Density & PH Value	1.054(+20°C) and PH 10
6	Viscosity and Over coating time	24 Mpas & 4 to 5 Hrs.

## SURFACE PREPARATION :

For concrete to be further over coated by coatings or hydrophobic impregnation, water blast the concrete surface with pressure ( upto 18 MPa – 180 bars ).

## APPLICATION :

**ROOFGUARD IIS-603** is supplied in a ready to use single compound which can be directly applied on a cleaned surface to its saturation by brush, roller and airless spray equipment. It should not be diluted by any means. Generally it is recommended to use one or two coats. It does not required any special curing but should be protected from rain and other effects for at least 4 hours.

**COVERAGE :** 2 to 3 Sqm/ Kg / Coat

**SHELF LIFE :** 2 Years

**PACKING :** 1, 5, 10, 20 & 210 Ltrs Pack

## HEALTHY AND SAFETY :

For information and advice on the safe handling, storage and disposal of chemicals products, users shall refer to the most recent material safety data sheet containing physical, ecological, toxicological and other safety-related data.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



**Manufacturers :**

**ARMSTRONG CHEMICALS PVT. LTD.**

An ISO 9001 : 2008 Certified Company



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ITS EXCELLENT DEPENDABLE  
MULTIPLE ACTION PERFORMANCE  
OF WATERPROOFING

