



rubguard®

IT'S COOL, IT'S DURABLE!

High Performance Coating for



WATERPROOFING



ANTI CORROSIVE



HEAT RESISTANCE



MFD. BY

RUBGUARD PVT. LTD

✉ contact@rubguard.com

🌐 rubguard.com

☎ +91 90810 85500

📍 Reg. Office : Flat No-1302, Building No. 08-F1,
Green City, At. Bhattha, Ta. Choryasi, Surat-394510,
Gujarat.

MARKETING HEAD

👤 Kishor Katrodiya

☎ +91 98245 25235

ATTRACTIVE & INCREDIBLE FEATURES of Rubguard®

Easy Application

Single Component, Ready to use,
Direct Application Just Like Paint,
No Blending Required,
Curing In Ambient Condition
No Special Safety Equipment required



DIRECT APPLICATION

Applicable on Concrete,
Metal, Foam,
Wood, Rubber Lining,
Stone, Cement,
China Mosaic and
many more*



SAVES TIME & MONEY

Saves Money spent on
frequent labour,
Saves time by fast and easy
application,
Saves Money of Primer
because,
No Primer required



STRONG ADHESIVE PROPERTY

Adhesion to any Surface
without Primer



MULTIPLE COMPATIBILITY

Compatible with all Surface
like wood, Paint, POP, Epoxy,
Cement Sheets, MS Sheets



ECO-FRIENDLY, WATER BASED

Applicable to all Industries
with our Primer Called
Rub ZRC



UNIVERSAL APPLICATION

Limitless Application for
Waterproofing,
Corrosion Resistance and
Heat Resistance



NON-TOXIC, ODOUR-LESS, LOW V.O.C.

Follows all Green
Product Regulations



HIGH PERFORMANCE COAT

All in one Protective &
Durable Coatings



OUR SOLUTIONS ARE WARRANTED FOR



8 YEARS

PERFORMANCE WARRANTY
FOR VERTICAL SURFACE



5 YEARS

PERFORMANCE WARRANTY
FOR HORIZONTAL SURFACE

* For Terms & Conditions please visit our website

MULTIPLE APPLICATIONS

CIVIL

Large Infrastructures like, Hospital, Mall, Bridges, Tunnels, Viaducts, Retaining Walls, Concrete Pipes, etc.



Piping Systems, Chemical Processing as well as Storage Tanks, Metal Constructions, Warehouses, etc.

INDUSTRIAL

RESIDENTIAL

Township, Housing Colony, Roof-tops, Constructions, Parking decks, etc.



Shipping Containers, Drilling Platforms, Hulls & Deck Compartments, Gangways, Chemical Processing Tanks, Chemical Storage Tanks, Buffers, Mooring, etc.

MARINE

RIGHT FIT FOR COMMON APPLICATIONS FOR DOMESTIC & INDUSTRY AREAS



WATERPROOFING



ANTI CORROSIVE



HEAT RESISTANCE



DOMESTIC APPLICATIONS

RubGuard have developed water based paint called RUB BASE COAT for Domestic use for protections against water leakages and protection against outside weather effects to Civil structures both vertical and Horizontal Surfaces.

Detailed application and TDS has been given as under:

RUB BASE COAT

PRODUCT DESCRIPTION

Type: A Single Pack, Rubber based Coating.

Uses: Water resistant finish for use in Commercial and Residential projects, chemical factory buildings and offices, food factories and bottling plants, hospitals, clinics etc.

Substrates: Can be applied to suitably prepared plaster surfaces.

Advantages:

- 1) Non-toxic and Excellent water and weather proof nature
- 2) Superb flexibility and maintenance properties (it may be over coated with a minimum of preparation many years after application).
- 3) Can be used at temps. below 10 degrees C. which other paints can't.

Conditions during application:

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: Available in a few selected shades

Pack Sizes: 20 Kgs

Finish: Gloss

pH-value at 20 °C : 8 to 10

Thinner & equipment cleaner: Water

Dilution Ratio: Ready for use by brush. Thin up to 10% for Roller. Thin up to 40% for Spraying. Stir well before use.

Drying Times:

Surface dry 1-2 hours.

Through dry 6-10 hours.

Recoat able - 12-16 hours in normal, ventilated conditions.

D.F.T.: Min. 45 microns. Max. 55 microns per Coat

HEALTHY & SAFETY

Avoid skin and eyes contact by wearing suitable overalls, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

DISCLAIMER

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factor affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product data without notice.

INDUSTRIAL APPLICATION

RubGuard have developed water based paint and single component primer for industrial use for protections against corrosion and outside weather effects to metal structures as a substitute of traditional solvent based Epoxy paints and Primer. Detailed application and TDS has been given as under:

CATONIC-Cleaning Agent

INTRODUCTION

CATONIC is a ready to use degreaser to clean metal substrates. The product can clean metals that are infected with oil, grease and dust.

Besides cleaning, CATONIC also creates a layer which gives the substrate a better paint adhesion and corrosion protection. CATONIC is a direct replacement for traditional solvent cleaning systems and use as a multi-metal cleaner. It is important to apply proper safety procedures in order to create a safe working environment. This includes providing of personal protective equipment (PPE) and adequate ventilation of the working place.

PRODUCT DATA

Mixing ratio. : Ready to use
Viscosity as supplied : Water like
Flash point : > 5 °C
Density at 20 °C : 1 gm/cc
pH-value at 20 °C : 8 to 10
Shelf life: 1 year

CATONIC PROCESS PARAMETERS WIPE APPLICATION

One of the possibilities to use CATONIC is to clean the substrate with a microfiber cloth wetted in CATONIC (not necessary to soak the cloth)

The microfiber cloth may not lose any fibers to the metal surface. With heavily infected substrates, the wiping procedure needs to be repeated until the surfaces meet the cleanliness demands. Or apply CATONIC by spraying on the substrate and leave it for 2 – 5 minutes to work. Afterwards the metal surface may be cleaned completely with a cloth.

Parameter

CATONIC : 100% (ready to use)
Wipe (Cloth) : Microfiber (may not lose any fibers to the metal substrate)
Appl. Temperature °C: 10 – 35 °C (Product may not be applied when environmental temperature is below 10 °C or at high relative humidity)

HEALTHY & SAFETY

Avoid skin and eyes contact by wearing suitable PPEs, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

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SINGLE PACK RUB ZRC PRIMER

DESCRIPTION

A single pack RUB ZRC primer with anticorrosive pigment is suitable as pre-treatment primer for mild steel and non-ferrous metals such as aluminum and galvanized substrates/structure. It can be over coated with all paints except for inorganic zinc silicates.

PHYSICAL PROPERTIES

Colour : Dark Grey & Black
Specific gravity : 1.30 +_ 0.05 gm/cm³
Solid content: 45.00 +_ 2.00 %
Touch dry : 15 minutes (at 30 °C)
Dry to handle: 30 minutes (at 30 °C)
Recoating time: Min. 2 hours.
Flash point: > 5 °C
pH-value at 20 °C : 8 to 10

SURFACE PREPARATION

Mild Steel surfaces: Oil and grease should be removed by solvent cleaning according to SSPC-SP1. Remove weld spatter and smooth weld seams and sharp edges as applicable.
Abrasive blasting: min. Sa2 – ISO 8501:1.
Aluminum Surface: Solvent cleaning according to SSPC-SP1 followed by light blast cleaning with a fine grade abrasive or by chemical etching.

MIXING / APPLICATION DATA

RUB ZRC PRIMER
Application by Brush: Suitable
Volume of thinner required: 5-10%
Recommended WFT: 1 coat x 100 micron
Recommended DFT: 1 coat x 50 +_ 2 micron

CONDITIONS FOR APPLICATION

Humidity: below 90% R.H.
Substrate temperature min. 10 degree C, above the dew point of the air. Air temperature and relative humidity should be measured in the vicinity of the substrate.

THEORETICAL COVERAGE & PACKING SIZE

Coverage : 11.0 m²/liter per coat.
Packing Size : 20 kg

STORAGE

RUB ZRC PRIMER has a minimum self-life of 12 months at cool and dry place. Containers must be kept tightly closed.

HEALTHY & SAFETY

Avoid skin and eyes contact by wearing suitable overalls, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

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FINAL RUBBER COAT

PRODUCT DESCRIPTION

Type: A Single Pack, Rubber based coating.

Uses: Chemical resistant finish for use in laboratories, chemical factories, breweries, dairies, food factories and bottling plants, hospitals, clinics etc. Widely used on steel work in chemical plants and marine environments

Substrates: Can be applied to suitably prepared metal, timber, plaster and concrete swimming pools.

Advantages:

- 1) Non-toxic and Excellent weather proof nature
- 2) Chemical & Abrasion resistance.
- 3) Superb flexibility and maintenance properties (it may be over coated with a minimum of preparation many years after application).
- 4) Can be used at temps. below 10 degrees C. which epoxy paints can't.

Conditions during application:

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: Available in a few selected shades

Pack Sizes: 20 Kgs

Finish: Gloss

pH-value at 20 °C : 8 to 10

Thinner & equipment cleaner: Water

Dilution Ratio: Ready for use by brush. Thin up to 10% for Roller. Thin up to 40% for Spraying. Stir well before use.

Drying Times:

Surface dry 1-2 hours.

Through dry 6-10 hours.

Recoatible - 12-16 hours in normal, ventilated conditions.

D.F.T.: Min. 45 microns. Max. 55 microns per Coat

Heat resistance: Approximately 100° C (212°F).

Chemical resistance: Resistant to chemical fumes and splashes, acids, alkalis. Poor resistance to solvents and animal fats.


HEALTHY & SAFETY

Avoid skin and eyes contact by wearing suitable overalls, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

DISCLAIMER

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ACHIEVEMENTS OF OUR PRODUCT


Government of India
 Ministry of Consumer Affairs, Food & Public Distribution, Department of Consumer Affairs
 राष्ट्रीय परीक्षण गृह (पश्चिमी क्षेत्र)
NATIONAL TEST HOUSE (Western region)
 प्लॉट नं. F-10, M.I.D.C., Marol Andheri (E), Mumbai - 400 093

Form No: NTH (WR)/MUM/2021/004714
 परीक्षण प्रमाण पत्र
 TEST CERTIFICATE
 INTERIM/FINAL REPORT

Number of Copies Issued: Single
 Test Certificate No: NTH(WR)/CHP/2021/001055
 जारी होने की तिथि: 03/12/2021
 कोड नं: 163047620599
 पृष्ठ: 1
 पृष्ठों की संख्या: 3


जिसे जारी करना है: **KJ GREEN COATINGS PRIVATE LIMITED**
 Issued To:
 पता: Flat No. 1302, Bldg No. 98-F1, Green City, At post Bhatga, Tal. Choryasi, Surav-324510, Gujarat
 Address:

ग्राहक का संदर्भ सं: पूर्ण विवरण: NIL
 Customer's Ref. No.:
 पंजीकृत सं: पूर्ण विवरण: 00155/NTH(WR)/CHP/08/09/2021
 Register No & Date:
 परीक्षण सामग्री का विवरण: Water based Rubber Paint: RubGuard paint
 Description of Test Item:
 परीक्षण सामग्री का पदचरन: One sample(4 containers) of 500 grams (each) along with thicker was received.
 Identification of Test Item:

नमूना का विवरण (यदि कोई):
 Product Specification (if any):
 नमूना प्राप्त की तिथि: 03/09/2021
 Date of Receipt of the Test Item:
 कार्य प्रदर्शन की तिथि: From: 08/09/2021 To: 30/11/2021
 Date(s) of Performance of Tests:
 कायदा प्रणाली का पदचरन: Relevant parts of IS 101 methods and ASTM methods
 Method(s) used for Test:
 नमूना प्रक्रिया वही प्रासंगिक हैं: As per standard procedure
 Sampling Procedure where relevant:

Tested By: Srinivas Rao J
 Checked By: Dr. Mangesh P. Gharpure
 Approved By: Dr. Anath Bandhu Mondal
 Scientist-G (Chemical)

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Government of India
 Ministry of Consumer Affairs, Food & Public Distribution, Department of Consumer Affairs
 राष्ट्रीय परीक्षण गृह (पश्चिमी क्षेत्र)
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 पृष्ठों की संख्या: 3

Sl. No.	Test Name	Test Result	Limit
1	Water vapour permeance test	0.0841 gm/sq.m/24 hrs/mm in Hg	-
2	Flexibility & Adhesion	Satisfactory. No visible damage or detachment of the film was observed with 6.25 mm dia mandrel.	-
3	Water resistance test for 48 hrs	satisfactory. No deterioration of the film such as cracking, flaking, peeling, blistering, softening and no change in colour was observed.	-
4	Impact Resistance test (ASTM D 2794)	Satisfactory. No cracks was observed from 100cm height with 4 lb weight.	-
5	Compatibility with Epoxy Paint	Compatible with epoxy paint. No peeling or removal was observed.	-

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 पृष्ठ: 3
 पृष्ठों की संख्या: 3

Sl. No.	Test Name	Test Result	Limit
6	Dry film thickness, microns	100.2	-

रिपाई: -
 Note: -
 टिप्पणियाँ: -
 Remarks: -

Tested By: Srinivas Rao J
 Checked By: Dr. Mangesh P. Gharpure
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TESTED PARAMETERS	TEST METHOD	RESULTS
Resistance to Acid, 1:20 (H2SO4 : Water) For 24 Hrs	IS 9862 : 1981	Passes The Test, No Colour Change, Slight Softening
Resistance to Alkali, 5% Na2CO3 In Water For 4 Hrs	IS 9862 : 1981	Passes The Test, No Colour Change, Slight Softening
Adhesion By Tape Test (Cross Cut)	ASTM-D-3359-02	5B
Impact Hardness, Inch-lb	ASTM-D-6905-03	39.3 inch-8lb Pass, No crack Observed
MEK Rub Test (0-Wrost to 5 - Best)	ASTM-D-4753-03 Table-1	3 Pass
Pull Off Adhesion, mPa (MS panel)	ISO 4624 : 2002	Passed Up to 4.02
Pull Off Adhesion, mPa (Civil Structure)	ISO 4624 : 2002	Passed Up to 8.14
Scratch Hardness test	IS 101 (P-5/S-2):1988	Passed Up to 2.5
Water Vapour Permeability test	IS 101 & ASTM	0.0841gm/sq.m/24 hrs /mm in Hg

OUR PRODUCTS ARE APPROVED / APPLIED AT



NIRMA LIMITED



Transpek-Silox

Transpek-Silox Industry Private Limited

