FTR
First Time Right

# No More Cracks
# No More Leaks
# No More Rust


Revolutionary
## Structure & Surface Protection Systems.

NoSeep NORUST ERP

WATER-PROOFING | HYDROPHOBIC&ELASTOMERIC PLASTER | RUST PREVENTION & TREATMENT

## About Us

**FTR**, an emerging brand in advanced surface & structure solutions is being introduced under the aegis of Buildon, a prestigious and trusted name in India's gypsum powder industry. With a focus on innovation and quality, Colour Concepts is unveiling a premium portfolio of products specifically formulated to address persistent construction challenges such as cracks, seepage, and corrosion. Backed by WaterLok legacy of excellence, this new venture aims to set a benchmark in performance and reliability.

We are a **next-generation** brand delivering high-performance paints and surface protection systems engineered for durability, aesthetics, and structural integrity. From vibrant finishes to invisible shields, our solutions go far beyond colour. At **FTR**, we don't just market remarkable products — we protect, preserve and perfect every surface we touch. Our commitment to quality is rooted in our mission: **we believe in building products that solve problems before they start.**

## *Why Experts Choose ERP ?*

***Because results matter!***

Trusted by expert engineers, interior designers and waterproofing professionals, the products we market are not only engineered & proven to perform but also withstand harsh conditions, prevent failures and elevate the life of every surface. From flexible elastomeric coatings that bridge cracks to hydrophobic layers that repel moisture and decay. Every formulation is scientifically developed and field- tested for real- world challenges.

**That's why innovation isn't an option,**

## It's our foundation.

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# ERP

**Crack-Free. Leak- Proof.**
**Future-ready**

Note: ERP is also available in a coarse variant with similar properties

**ERP** is a next-generation elastomeric, paintable plaster designed to deliver superior protection, flexibility, and aesthetic performance across a wide range of applications.

**It's more than a plaster; it's an intelligent surface shield.**

**Formulated** with advanced elastomeric polymers and hydrophobic agents, ERP forms a flexible, breathable membrane that seals hairline cracks, resists water ingress, and prevents surface deterioration even under extreme environmental stress.

**This ready-to-use, self-curing paste is engineered for effortless application on both interior and exterior surfaces.**

**Whether you're safeguarding new construction or restoring aging structures,**

**ERP provides seamless, long-lasting protection with a smooth, paintable finish.**

tures:


## Areas of utility

- Gypsum board
- Cement board and panels
- Calcium silicate board
- MDF boards
- Wooden plywood
- Precast construction
- AAC blocks and panels

- **High Bond Strength:** Adheres effortlessly to concrete, plaster, and masonry surfaces.
- **Self-Curing & Ready-to-Use:** No mixing required — apply directly for consistent, efficient coverage.
- **Weather-Resistant Formulation:** Performs well in hot, humid, or rain-prone conditions — ideal for Indian climates.

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# TECHNICAL DATA SHEET OF ERP

| PARTICULARS | Value | Protocol |
|---|---|---|
| Adhesion test, Mpa | 1.0 | ASTM D 4541-22 |
| Compresssive strength, MPa (at 10% deformation) | 4.3 | ASTM D 695-23 |
| Flexural strength, MPa | 12.8 | ASTM D 790-17 |
| Water absorption, % (For 24 Hrs.) | 38 | ASTM D 570-22 |
| Tensile strength, Mpa (Perpendicular to surface) | 0.2 | IS 2380: Part-5:1977 Reaffirmed 2018 |
| Hardness (Shore-D) | 64 | ASTM D 2240-15 |
| VISCOSITY | 17 secs (2 : 1 dilution with water) | |
| WEIGHT/LTR | 1.73kg/ltr | |
| Ph | 7.5 - 8 | |
| SURFACE DRYING | 30 mins | |
| RECOATABILITY | After 4 hours | |
| SOLID CONTENT | 77% | |

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# Step By step Application Procedure

**SURFACE PREPARATION:**
Ensure the substrate is clean, dry and free from dust, oil, loose particles or any contaminants that may affect adhesion.

**FIRST COAT APPLICATION**
Apply FTR on the prepared surface using a roller or trowel,ensuring a uniform thickness not exceeding 2 mm.

**NYLON MESH EMBEDDING**
Affixing nylon mesh across the surface is optional, but mandatory in the following cases:

- **AAC blocks** – whether plastered, gypsum-coated or plain.
- **Concrete precast panels** – full-surface mesh application is essential to ensure crack resistance and durability.
- **Drywalls such as cement boards, gypsum boards & cement panels** – mesh is required only at the joints.

**LEVELING MESH POSITIONING** Remove excess material in both vertical and horizontal directions, ensuring the mesh remains properly embedded and in position.

**DRYING TIME**
Allow the surface to dry for a minimum of 6 to 8 hours, depending on atmospheric conditions such as temperature and humidity.

**PAINT READINESS**
The surface is now ready for painting, as the substrate will remain smooth and non-water absorbent.No primer or sanding is required prior to painting.

**HOMOGENIUS WITH PAINT FINISH**
Upon application of emulsion paint, the surface will appear homogeneous, as FTR is formulated using the same base materials as paint.

**When ERP is applied thick, cracks may appear. No worry. Apply the second coat of ERC, and it will impregnate the surface and the crevices to give a homogeneous surface."**

## ✓ Do's

- **Prepare the surface properly**
- **Apply ERP in thin layers**
- **Embed mesh while ERP is wet**
- **Use mesh in critical areas**
- **Remove excess material**
- **Allow adequate drying time**
- **Apply a second coat**
- **Use compatible emulsion paints**

## ✗ Don'ts

- **Don't apply ERP on damp or dirty surfaces .**
- **Don't exceed the 2 mm thickness in a single coat**
- **Don't delay mesh embedding**
- **Don't skip mesh in critical areas**
- **Don't sand the surface before painting**
- **Don't apply primer before paint**
- **Don't rush drying time**

**Packs available:**


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NoSeep


20kg

# Horizontal WaterProofing

## NoSeep-1 (For Smaller voids)

NoSeep-1 impregnatesintothe poresandsealsit completely. This canbe brush applied, and the maximum thickness derived is around 45-50 microns. It will form a flexible water repellent film. NoSeep-1 comes is in liquid form.

## Features:

**POT LIFE**
3 hours

**SHELF LIFE**
18 Months

Anti-Fungal | Water Resistant | Indentation Resistant | Exterior Grade | Tough & Durable | Color Fast

# Horizontal Water Proofing

## NoSeep-2 (For bigger voids)

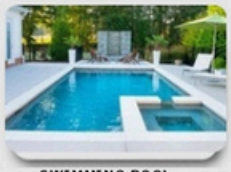
NoSeep-2 is used to fill bigger voids and to make the surface abrasion resistant. Must be used along with nylon membrane/mesh as a reinforcing agent. NoSeep-2 comes in a paste form.

20 ltr


## Application Procedure

1. **Pore Impregnation (NS-1 Application):**
   - Apply two coats of **NS-1** across the entire surface, maintaining a 6-hour interval between coats. This step helps impregnate the fine pores of the surface and improves substrate compatibility for the next layers.
2. **Peripheral Joint Treatment (NS-2 Application):**
   - Apply **NS-2** on all peripheral joints, extending 150 mm onto the floor ahd 150 mm up the vertical surfaces.
   - While the surface is still wet, embed nylon mesh (recommended: 45 GSM, 75 microns) over the treated area.
   - Ensure that all corners, both vertical and horizontal are fully wrapped with mesh for structural reinforcement.
   - Remove any excess **NS-2** and return it to the container for reuse.
3. **Slab & Floor Joint Treatment** :
   - Apply NS-2 across the entire mother slab and over all floor joints. While the surface is still wet, fix an additional layer of nylon mesh
   - (45 GSM, 75 microns) across these areas.
   - Allow the treated surface to dry for 6 to 8 hours.
4. **Finishing Coat (NS-2 Second Layer):**
   - Apply a second coat of **NS-2** over the entire surface to fully conceal the embedded mesh and ensure a seamless finish.
5. **Leakage Testing:**
   - After the final coat has fully cured, conduct a ponding test to verify the waterproofing integrity and detect any potential leakages.
   - Apply **NS-2** on all peripheral joints, extending 150 mm onto the floor and 150 mm up the vertical surfaces.
   - While the surface is still wet, embed nylon mesh (recommended: 45 GSM, 75 microns) over the treated area.
   - Ensure that all corners, both vertical and horizontal are fully wrapped with mesh for structural reinforcement.
   - Remove any excess **NS-2** and return it to the container for reuse.

### AREAS OF USAGE & UTILITY


SWIMMING POOL


EXPANSION JOINTS


TERRACE/SUNKEN AREAS


WATER TANK - TILED/RCC


BASEMENT (From External Side)


SUNKEN PORTION

**COVERAGE:** 7-8 Sq.ft. per Kg in two coats

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# TECHNICAL DATA SHEET

## NoSeep

| PARTICULARS | NS-1 | NS-2 |
|---|---|---|
| WEIGHT/LTR | 20 KG/LTR | 20 KG/LTR |
| LEVELLING | SELF LEVELLING | SELF LEVELLING |
| PH | 7 | 7 |
| VISCOCITY WITH WATER 2:1 | 17 SEC | 17 SEC |
| SURFACE DRYING | 30 MINS | 30 MINS |
| RECOATABILITY | After 4 hours - Not later than 6 months | After 4 hours - Not later than 6 months |
| SOLID CONTENT | 42% | 80% |
| MIN.THICKNESS (MICRONS) | 30 | 800-900 |
| MAX.THICKNESS (MICRONS) | 50-60 | 1000-2000 |
| APPLICATION TOOL | Brush/Roller | Trowel/Blade |
| BEST BEFORE | 18 Months | 18 Months |
| Tensile strength(ASTM D 638) | Not required | 12.47N/mm2 |
| ELlongation at break after 500 hrs of uv (ASTM D 638) & (ASTM G 154) Polymer content | Not required<br>More than 40% | 5.92%<br>More than 40% |

| PARTICULARS<br>Eliongation at break after 500 hrs of uv (ASTM D 638) & (ASTM G 154) | NS-1 | NS-2 |
|---|---|---|
| POLYMER CONTENT | More than 40% | More than 40% |
| COMPRESSIVE STRENGTH (28 DAYS) N/MM2 OR MPA | Not required | 7.2 (IS-17545-2021-Table2 |
| FLEXURAL STRENGTH | Not required | 1.9 (ASTM D 790- 17 |
| ADHESION STRENGTH TEST | Not required | 2.2 (ASTM D 790--17) |
| UV RESISTANT | Not required | 500hrs |
| WATER ABSORPTION | Nil | Nil |


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# NO Rust!

**Inhibitive Primer that converts rust into stable iron there by arresting the oxidation process and improving the life of the paint applied on top.**

**BASE MATERIAL: SOLVENT BASED**


- CONVERTS RUST INTO STABLE IRON
- STOPS THE OXIDATION PROCESS
- HAS A STRONG CHEMICAL BOND
- CLEARS MORE THAN 350 HOURS OF SALT SPRAY TEST

**No Rust** is available both in pigmented & clear formats. Clear format allows you to see the orange rust getting converted to Black Iron Tannate.



A rust inhibitive primer converts rust into non iron tannate.
Provides a long-term against corrosion a biological degradation
Stabilises the iron sur avoiding further oxidation
Functions as an ac promoter & has strong bonding
Moisture if any, will be e into the film during pai will evaporate while drying
No need to do strong preparation like sand blast before applying
Wrap & Peel

## APPLICATION PROCEDURE

- Clear the surface of any loose particles with 100 no. emery paper.
- Surface must be clear of any grease or oily material.
- Mix M.T.O. 15 % -20% in No Rust to make it brushable or sprayable.
- Apply two coats with a gap of 6 to 8 hours between coats.

## Note:

- Must be applied directely on bare M.S surface only
- On all pre-painted surface use a paint remover to remove paint as much as possible.
- No need for strong base preparation.

NO RUST

| PARTICULARS | CLEAR | PIGMENTED |
|---|---|---|
| Viscosity at 30°C | 100 sec | 130 sec |
| Weight / Ltr | 0.8 kg/Ltr | 0.89 kg/Ltr |
| Dilution Material | Mineral Turpentine Oil | Mineral Turpentine Oil |
| Settling | Nil | Nil |
| Surface Drying | 35 min | 35 min |
| Recoatability | After 12 hours | After 12 hours |
| Finish | Glossy and smooth | Semi-glossy |
| Best Before | 18 Months | 18 Months |

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