

DU-PLASTEASY

Integral Waterproofing & Plasticizing Admixture for Cement Mortar and Concrete

PHYSICAL PROPERTIES



Appearance: Reddish Brown Free Flowing Liquid

Appearance: Clear Liquid

Specific Gravity: 1.05 – 1.07

pH Value: 9 – 13

Non-Volatile Content: Minimum 13.5%

Chloride Content : Passes IS Requirements

Water Permeability : Passes

Setting Time : Conforms to IS Standards

Values measured at 27 ± 2°C.

DESCRIPTION

DUSH PLAST EASY is a specially formulated liquid integral waterproofing and plasticizing admixture designed for cement mortar and concrete. It is manufactured using selected plasticizers, surface-active agents and performance-enhancing additives.

PLAST EASY acts as a water-reducing admixture that improves the workability, cohesiveness and durability of cement-based mixes. It minimizes segregation, honeycombing and permeability while producing a smooth, creamy mortar that spreads effortlessly during plaster application.

The product also enhances the waterproofing properties of cement mortar and concrete, helping protect structures against moisture ingress, seepage and dampness.

DOSAGE

Recommended Dosage

For Cement Plaster

- Mix 250 ml of PLAST EASY with the mixing water for every 50 kg of cement and sand plaster mix.

For Concrete

- Recommended dosage: 200–250 ml per 50 kg bag of cement, depending on mix design and site conditions. Site trials are recommended to determine the optimum dosage.

APPLICATION METHOD

Step 1: Prepare the cement and sand mix as per the specified mix design.

Step 2: Measure the required quantity of mixing water.

Step 3: Add 250 ml of PLAST EASY into the mixing water and stir thoroughly.

Step 4: Add the PLAST EASY solution into the cement and sand mixture.

Step 5: Mix thoroughly for 2–3 minutes until a homogeneous mortar is obtained.

Step 6: Apply the plaster using standard construction practices.

The mortar becomes smooth, creamy and easy to spread, providing better finish with reduced application effort.

TECHNICAL DATA SHEET

RECOMMENDED APPLICATIONS

PLAST EASY is suitable for:

Internal & External Cement Plaster	Brick Masonry Mortar	Roof Slabs	Sunken Slabs
Podium Slabs	Basements	Water Tanks	Swimming Pools
Cement Screeds	RCC Concrete	Water Retaining Structures	Repair Mortars

FEATURES & BENEFITS

Smooth "Butter-Like" Application

- Makes plaster smooth and easy to spread
- Reduces labour effort and fatigue
- Improves mason productivity
- Provides superior workability
- Achieves better surface finish

Reduced Water Curing

- Significantly reduces conventional curing requirements
- Saves water and labour
- Accelerates construction progress
- Ideal for projects where water availability is limited

Integral Waterproofing

- Reduces water permeability
- Protects walls against seepage and dampness
- Improves durability of plaster and concrete
- Enhances long-term protection

Crack Reduction

- Minimizes shrinkage cracks
- Improves bonding within the plaster matrix
- Reduces surface cracking
- Improves structural durability

Improved Concrete Performance

- Improves cohesiveness
- Reduces segregation
- Minimizes honeycombing
- Improves surface finish
- Helps protect reinforcement against moisture penetration

TECHNICAL DATA SHEET

CURING

PLAST EASY significantly reduces conventional curing requirements.

Under normal site conditions:

- One-time curing is generally sufficient for plaster applications.
- Saves water, labour and construction time.
- Follow good construction practices considering ambient temperature, substrate condition and weather.

TECHNICAL ADVANTAGES

- Excellent Workability
- Plasticizing Effect
- Water Reduction
- Integral Waterproofing
- Reduced Permeability
- Reduced Honeycombing
- Crack Resistance
- Better Surface Finish
- Improved Durability
- Faster Application
- Higher Labour Productivity

PACKAGING

Available in

• 250 ml

• 500 ml

• 1 Litre

• 5 Litres

• 20 Litres

• 50 Litres

• 200 Litres

STORAGE

Store in unopened original containers in a cool, dry place away from direct sunlight, frost and excessive heat.

SHELF LIFE

24 months from the date of manufacture when stored in unopened original packaging under recommended storage conditions.

HEALTH & SAFETY

- Non-toxic under normal conditions of use.
- Avoid contact with eyes and prolonged skin contact.
- Wear suitable gloves and protective clothing.
- In case of eye contact, rinse immediately with plenty of clean water and seek medical attention if irritation persists.
- Keep out of reach of children.

CLEANING

- Wash tools and equipment immediately after use with clean water.
- Hardened material can only be removed mechanically.

DISCLAIMER:

The information contained in this Technical Data Sheet is based on laboratory testing and practical field experience. Performance may vary depending on workmanship, materials, substrate conditions and environmental factors. Users are advised to conduct site trials before large-scale application. DUSH reserves the right to modify product specifications without prior notice as part of its continuous product development program.