



DARMA RAPID

Accelerating Admixture



OVERVIEW

Darma rapid is a type of accelerator admixture used to reduce the concrete setting time from 28 days to 7days without affecting the ultimate strength of the concrete.

PROPERTIES

- ✓ Reduce setting time of concrete
- ✓ Improves workability
- ✓ Facilitate the project
- ✓ Abrasion resistance of cement mix
- ✓ Reduce overhead cost of the project
- ✓ It reduces the amount of form work required

SURFACE PREPARATION

- Prepare the mold/ formwork properly to avoid any leakage of the admixture

MIXING

- 0.5L of admixture for a bag of cement (50Kg) or (1L to 100kg cement)

COVERAGE

For compressive strength of concrete C-25 and mix ratio of (1:2:3), use 1L of Darma Mixture for 100kg of cement or 0.27m³ of concrete

AREAS OF APPLICATION

- ✓ Buildings (Floors, walls, Patios and etc.)
- ✓ Roadways
- ✓ Ware houses and
- ✓ Any other concrete surfaces

ADMIXTURE PREPARATION

- Shake well before use

APPLICATION

- Proportioning concrete raw materials and water
- Mix the components of concrete properly until the concrete is uniform
- Gradually add the appropriate amount of admixture to the moistened concrete
- Cast the concrete on the designated mold/formwork.

PACKAGING

- 5L, 10L, 20L and 250L plastic container

STORAGE

- 24 months; when stored in dry place in unopened and undamaged original packaging.

PRECAUTIONS

- Do not add or deduct the admixture amount from the above mentioned mixing ratio
- When mixing the accelerating agent, you must use a concrete mixing machine
- Cure the casted concrete 4 times a day for 7 days
- Eyes, nose and skin should be protected by wearing security goggles, gloves and dust mask.
- In case of contact, wash with plenty of water.
- In case of eye contact, immediately seek medical attention

Technical data

Appearance	Liquid
Color	Grey
PH	7.01
Total chloride ion content (IS 9103 /IS 6925)	< 0.1%
Viscosity (ASTM D 5478 -98)	4-35

N.B. The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions etc.



GRACE
CONSTRUCTION
CHEMICALS

+251 964 234 444
+251 929 337 886

@grace_construction_chemicals