



SOIL STABILIZATION MATERIALS FACTORY PRODUCT SPECIFICATION SHEET

SANDFIX-CM

SAND FIX ساند فکس

DESCRIPTION

SANDFIX-CM IS MANUFACTURED FROM MODIFIED CO-POLYMERS, PARTICULARLY DESIGNED, MODIFIERS AND PLASTIZER; IT CAN CONTROL THE SOIL FROM STRONG DRIFTING SAND DUNES AND STABILIZE UNPAVED PLANT AREAS.

SPECIAL FEATURES

BEING AN EXCELLENT TACKIFIER, IT SHOWS OUTSTANDING PROPERTIES TO RESIST EROSION DUE TO WATER, WIND AND OTHER ENVIRONMENTAL CONDITION. IT CONTAINS SPECIAL WETTING AGENT GIVES EXCELLENT PENETRATION AND GREATER STABILITY ON SURFACES.

APPLICATION

- EROSION AND DUST CONTROL OF HIGHWAY EMBANKMENTS AND PIPELINE EMBANKMENTS.
- STABILIZATION OF OPEN DESERT SAND FOR THE PURPOSE OF SUPPRESSING SAND STORM.
- HYDRO SEEDING AND LANDSCAPING.
- DUST CONTROL ON CONSTRUCTION SITES AND IN MILITARY AREAS.
- PREVENTION LOAD BEARING STRENGTH OF ALL TYPES OF SOIL.
- SANDFIX-CM HAS THE ABILITY TO MAINTAIN STABILITY AND DENSITY OF TREATED SOILS WHEN COMPACTED.

PREPARATION

DILUTION WATER SHOULD BE POTABLE WATER AND SHOULD NOT CONTAIN MORE THAN 20,000 PPM OF SALT. SANFIX-MC IS APPLIED IN DIFFERENT TECHNIQUES AND COVERAGE RATES DEPENDS ON THE SITE REQUIREMENTS, METEOROLOGICAL CONDITIONS, AND NATURE OF SOILS. THE STABILIZATION TECHNIQUE OF SAND DUNES IS DIFFERENT FROM STABILIZATION OF HAULAGE OR ROAD SHOULDER.

PHYSICAL PROPERTIES

APPEARANCE	: FREE FLOWING MILKY VISCOUS LIQUID
SOLUBILITY IN WATER	: EASILY MISCIBLE WITH WATER IN ALL RATIO
FLASH POINT	: NON-FLAMMABLE
TOXICITY	: NON-TOXIC
ENVIRONMENTAL COMPATIBILITY	: ECOLOGICALLY HARMLESS
SPECIFIC GRAVITY	: 1

ADVANTAGES

SANDFIX-CM IS APPROVED AND RECOMMENDED BY GOVERNMENT AUTHORITIES AND BEING USED IN DIFFERENT PROJECTS. STABILIZATION MATERIALS IS A CONCENTRATED SALUTATION OF SPECIAL GRADE OF ACRYLIC RESIN BLENDED WITH. SPECIAL PLASTICIZERS, WHICH CAN TOLERATE THE EXTREME CLIMATIC CONDITIONS. IT RESISTS CORROSIVE ATMOSPHERE AND GROUND WATER ENVIRONMENT. IT REMAINS UNAFFECTED WITH THE TEMPERATURE AND HUMIDITY RANGE PREVAILING OF THE MIDDLE EAST. IT CAN WITHSTAND WIND VELOCITY UP TO 130 KM/HOUR UNDER SAND STORM IT IS COLORLESS TRANSPARENT, IT BLENDS WITH SAND GIVES LIGHT COLOR AND PROTECT THE DESERT ENVIRONMENTAL. IT HAS EXCELLENT ENVIRONMENTAL PROTECTION PROPERTIES SO IT IS EASILY APPLICABLE TO THE GULF EXTREME CLIMATE.



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SPRAY EQUIPMENT

VERY LARGE DESERT AREAS USE ALWAYS THE TERRAGATOR. MEDIUM LARGE AREAS. CAN USE HYDRO SEEDER OR WATER TRUCK WITH SPECIAL SPRAY NOZZLES.

SMALL AREA

- A. A TANK WITH LIGHT STIRLER
- B. A NON CLOGGING PUMP
- C. SPRAY HOSES AND FIRE HOSE TYPE NOZZLES.

COVERAGE RATES

SANDFIX-CM IS MIXED WITH WATER AND THROUGH BLENDED IN THE TANK BEFORE SPRAYING. IN GENERAL 1-LITER OF SANDFIX-CM SHOULD DISSOLVE IN 3 LITERS OF FRESH WATER AND 4 LITERS SHOULD BE APPLIED. OTHER DILUTION FACTORS MAY ONLY BE ADVISED FOR SPECIAL CASES AFTER APPROVAL AND CONSULTANCY OF OUR TECHNICAL DEPARTMENT. ABOVE COVERAGE RATES ARE RECOMMENDED FOR GENERAL APPLICATION AND GUIDE LINES, BUT THE ACTUAL COVERAGE RATES CAN BE DECIDED AFTER THE OBSERVATION OF THE SITE CONDITION AND TYPES OF SOIL OR DUNE SAND AVAILABLE.

STORAGE

STORE UNDER SHADE. AVOID FREEZING TEMPERATURE.

SHELF LIFE

A MINIMUM OF 12 MONTHS IN SEALED CONTAINERS, UNDER RECOMMENDED STORAGE CONDITION.

CLEANING

CLEAN ALL TOOLS, PUMP, HOSE, NOZZLE, TANK ETC BY RINSING WITH WATER BEFORE SANDFIX-CM DRIES. IF DRIED, REMOVE BY SCRAPING FOLLOWED BY RINSING WITH A PROPER SOLVENT.

PRECAUTIONS

SANDFIX-CM IS NON-FLAMMABLE AND NON-HAZARDOUS IN NORMAL USE.

SKIN CONTACT

THE PRODUCT SHOULD BE REMOVED FROM THE SKIN BY SOAP AND WATER WHEN WET; AND IF DRIED, USE APPROPRIATE HAND CLEANSER.

EYE CONTACT

IN CASE OF CONTACT WITH EYES, RINSE THEM IMMEDIATELY WITH PLENTY OF CLEAN WATER.

PACKING

SANDFIX-CM IS SUPPLIED IN 20 LITERS PAIL, 200 LITERS BARRELS AND BULK SUPPLY.

SANDFIX TECHNICAL TEAM IS AVAILABLE FOR ANY CONSULT AND CLARIFICATION.



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