

DON GROUT-EP

PRODUCT DETAIL

DON GROUT- EP is a three-part solvent free, high strength epoxide resin grout designed for application in cold weather, or where the need for a faster curing grout is required. The grabbed filler system within the product allows excellent adhesion to concrete and steel.

DON GROUT- EP is suitable where conditions may be subject to dynamic loading or where or where the conditions dictate the use of high performance product. Applications include the grouting of machine base plates, crane rails, bearing plinths, anchoring of steel fixing, joining of precast concrete units to concrete and concrete to steel. Its conforming to **BS: 6319 Part-2, 3, 7.**

DON GROUT- EP can be laid in thickness of 10 mm- 40 mm.

MATERIAL SUPPLIED: - 8 Kg and 24 Kg pack size comprising resin base, hardener & filler components

STORAGE:- Protect from frost and direct sunlight and store under dry warehouse conditions at a temperature between 5⁰ C and 30⁰ C.

SHELF LIFE:- 24 months in unopened containers and stored under good conditions.

YIELD:- An 8 Kg pack size will yield approximately 4.0 liters and a 24 Kg pack size approximately 12 liters.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

The surface must be free from oil, grease and other forms of contamination. Concrete surface should be dry and suitable prepared either scambblng or grit blasting to remove any surface laitance. Steel surface should be grit blasted to remove all rust and scale. Holes drilled for anchor bolts should be thoroughly cleaned with all dust and loose debris removed using a suitable brush or compressed air,

MIXING:-

Taking care to ensure that the bottom and sides are thoroughly scarped, transfer the entire contents of the **HARDNER** into the container containing the **RESIN** using a power whisk attached to a slow speed electric drill, mix for approximately 2 minutes until a uniform consistency is obtained, The mixture should then be transferred to a separate container or forced action mixer such as a rectangle type mixer and the **FILLER** gradually added. Mix for a further 2 minutes or until the filler has thoroughly wetted out and a uniform consistency obtained.

APPLICATION:-

The material should be allowed to stand for 5 minutes prior to use to allow de-aeration to occur. When grouting under machine base plates it will be necessary to flow from one side via a hopper, ensuring that a constant head of grout is maintained at all times.

DON GROUT- EP should be poured slowly into anchor holes to avoid the entrapment of air and the anchor bolt inserted applying a twisting motion to ensure complete contact.

HEALTH & SAFETY:- Consult the appropriate material safety data sheet prior to using **DON GROUT- EP.**

DON GROUT-EP

TECHNICAL INFORMATION:-

Color	Dark Brown																		
Density gm/cc	2.0																		
Initial Viscosity @20 ⁰ C	477																		
Compressive Strength @15 ⁰ C (N/mm ²) (BS6319 Part 2:1983)	<table> <tr> <td>@20⁰ C</td> <td>1 Days</td> <td>83</td> </tr> <tr> <td></td> <td>3 Days</td> <td>96</td> </tr> <tr> <td></td> <td>24 Days</td> <td>103</td> </tr> <tr> <td>@05⁰ C</td> <td>1 Days</td> <td>51</td> </tr> <tr> <td></td> <td>3 Days</td> <td>60</td> </tr> <tr> <td></td> <td>24 Days</td> <td>71</td> </tr> </table>	@20 ⁰ C	1 Days	83		3 Days	96		24 Days	103	@05 ⁰ C	1 Days	51		3 Days	60		24 Days	71
@20 ⁰ C	1 Days	83																	
	3 Days	96																	
	24 Days	103																	
@05 ⁰ C	1 Days	51																	
	3 Days	60																	
	24 Days	71																	
Tensile strength (N/mm ²) (BS6319 Part 7:1985)	@20 ⁰ C 7 Days 21																		
Flexural Strength (N/mm ²) (BS6319 Part 3:1990)	@20 ⁰ C 7 Days 44																		
Working life @10 ⁰ C (mins)	40-50																		
Application Temperature range (0 ⁰ C)	5-20																		
Operational temperature range (0 ⁰ C)	-20 to 40																		

PRECAUTIONS: - If equipment below 5⁰ C please contact our Technical Department.

CLEANING: - All equipment and tools be rinsed with water immediately after use and then dried.

DON GROUT- EP has a working time of 40-50 minutes@ 10⁰C. Mixed material should not be left standing for any length of time prior to application as this will considerable reduce its working time.

GENERAL GUIDENCE:- This data sheet is for general guidance purpose only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from Technical Department

TECHNICAL COLLABORATION WITH



Don Building Chemicals (India) Pvt. Ltd.
 B-111-112, Santosh Complex, Vibhuti Khand,
 Gomti Nagar, Lucknow- 226010
 E-mail: donbuildingchemicals@yahoo.com
 Website: www.donbuildingchemical.com



Doncrete USA Inc.
 Governors Hwy 292, PA-8, Oil City
 PA-United States- 24601
 E-mail: help@doncreteusa.com
 Website: www.doncreteusa.com