

PRODUCT DESCRIPTION:

PrimeGrout® SuperAdd-250N a plasticized expanding grout admixture is supplied in powder form. The material is a combination of a plasticizing agent and expansion producing additives. The plasticizing agent allows the use of a reduced water/cement ratio with consequent increased strengths and durability. The expansive additives counteracts the natural settlement and plastic shrinkage of the grout and aids stability and cohesion.

ADVANTAGES:

PrimeGrout® SuperAdd-250N grout expansion system compensates for plastic shrinkage and settlement in properly designed cementitious grout.

-) Low permeability and long term durability in service because of reduced water/cement ratio mixes in the grout mix.
-) Because of high fluidity with low water/cement ratio of grout, the placement or injection of the grout becomes easy.
-) Product is based on advanced technology with non-metallic iron content to corrode and cause staining or deterioration due to rust expansion in the grout.
-) Composition allows high early strength development in grouts, with no chloride content.
-) Uses recycled material, hence environmental friendly product.

STANDERDS:

PrimeGrout® SuperAdd-250N is a suitable pressure grouting admixture complying with BS: 8110 Part 1-1985, Section 8.9.4.6, and ASTM C-1107. Other standard IS 6066:1994 may be referred.

USES:

PrimeGrout® SuperAdd-250N is an admixture for cementitious grouts where a reduced water/cement ratio and positive expansions are required. Applications include bed grouting, duct grouting, non-shrink infilling and jointing.

TYPICAL PROPERTIES:

Colour: Dark Gray; Chloride Content: Nil as per IS-456 & BS-5075 Part 1; Air Entrainment: Less than 1% additional air is entrained. PrimeGrout® SuperAdd-250N may be used with all types of OPC and high alumina cements. It can also be used in conjunction with other MULTICHEM CONSTRUCTION CHEMICALS provided they are added separately to the concrete.

DIRECTION OF USE:

First take the water and add to the mixer followed by Portland cement. Mix them thoroughly until the cement has been completely dispersed. Add the PrimeGrout® SuperAdd-250N and sand (if any is being used). Continue mixing the material for 2 minutes or until grout is completely mixed and dispersed. Grouts for ducts of post-tensioned concrete members should be checked for passed through a suitable BS sieve before reaching the pump to avoid damage to the equipment, and the pump should be capable of giving a continuous flow of grout to the injection equipment.

GROUT SPECIFICATION:

Grouting of Concrete or Duct of Post-tensioned Concrete Members:

1.	Neat Cement Grout	
a	Ordinary Portland Cement or PPC	50kg
b	PrimeGrout SuperAdd-250N	250 gm
c	Water	20-25 lit
2.	Cement Sand Grout	
a	Ordinary Portland Cement or PPC	50kg
b	Graded Sand	50kg
c	PrimeGrout SuperAdd-250N	250 gm
d	Water	22-25 lit

DOSAGE & PACKING:

Dosage: 250 gm of PrimeGrout® SuperAdd-250N per 50 kg of cement.
Packing: 250 gm pouch, 25kg bag.

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °c.

SHELF LIFE:

Minimum one year if stored below 30 °C in original packing and stored under shade.

WARRANTY

Multichem warrants PrimeGrout® SuperAdd-250N to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the addition of PrimeGrout® SuperAdd-250N.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.



PRIMEGROUT® SuperADD-250N

Plasticizing and Expansion Grout Admixture

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of PrimeGrout® SuperAdd-250N.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.

