

## TECHNICAL INFORMATION

### **MIGHTY 40WP** *(Waterproof Admixture)*

#### **SPECIFICATION TYPE**

Complies to the requirements of the following admixture  
BS 5075: Part1, 1982  
ASTM C 494 Type A and D.

#### **DESCRIPTION**

MIGHTY 40WP are a dispersant for use in waterproofing all Portland cement concrete, cement mortar and cement plaster mixes. Reduced permeability of concrete matrix.

1. Increased compressive and flexural strengths at all ages.
2. Improved workability and placing characteristics.
3. Reduced bleeding and improved surface finish of concrete.
4. Effective over a wide range of cement contents and mix designs, including PFA and Blast Furnace Slag blended mixes.
5. Extended durability.
6. MIGHTY 40WP does not contain chloride and it is non-corrosive.

#### **SPECIFICATION**

Appearance	:	Dark Brown Liquid
Specific Gravity (at 20°C)	:	1.200 min
pH (5% sol.)	:	8 - 10

### **DOSAGE RATE**

The dosage rate can be used in the range of 300 - 600 c.c. per 100 kg. of cement for conventional type of concrete depending on requirement of water reduction.

To produce less permeable, denser concrete with lower water content, higher strengths at all ages.

The Quality of Cement and Aggregate; W/C; Temperature in many cases it is advisable to conduct trial mixes to get the exact mix formulation.

### **DISPERSING**

MIGHTY admixtures can be dispensed effectively with the sophisticated devices. Accurate dispenser is available to provide from MIGHTY.

### **PACKING**

240 kgs net in chemical drum

### **SAFETY**

- \*Overdosing affects a delay of setting time, segregation of fresh concrete, and occasionally strength.
- \*Protect from freezing and evaporation.
- \*Shelf life is max. 12 months in a sealed container