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TOA 211 Concrete Plus

Technical Data Sheet



	Rev.1 10/2017
FEATURES	
	: TOA 211 Concrete Plus is an admixture use to mix with concrete or mortar for waterproofing. It helps to facilitate concrete pouring and improve workability without increase water content resulting to tighten to concrete and higher compressive strength.
USES	
USES	: TOA 211 Concrete Plus uses for waterproofing of masonry and concrete structures such as : - Water tank, swimming pool - Bathroom - Dams, reservoirs - Tunnel, basement
ADVANTAGES	
	: TOA 211 Concrete Plus provides the following properties: - Increase concrete density to prevent the seepage of water into the concrete and also prevent concrete crack. - Improve workability - Reduce shrinkage - Increase compressive strength and durability - Increase cohesiveness - Chloride free
TECHNICAL INFORMATION	
Color	: Brown liquid
Specific Gravity @ 25 °C	: 1.110 - 1.130
pH @ 25 °C	: 6.0 - 8.0
Viscosity @ 25 °C	: 19.00 - 23.00 Cps.
(Spindle # 1, speed 100)	· ·
REFERENCE STANDARD	
REFERENCE STANDARD	: Complies with ASTM C494-81 Type A
APPLICATION SYSTEM	
Usage Direction :	- Mix TOA 211 Concrete Plus with clean water.
C .	- Add the mixture into cement, sand and aggregate then mix well.
	- Use the concrete mixture where waterproofing is needed.
Recommendation :	 TOA 211 Concrete Plus should be added directly to the mixing water prior to its addition to the aggregate. Overdose of TOA 211 Concrete Plus will prolong setting time, but no detrimental effect on strengths. Wash all tools immediately after use with water.
USAGE RATE	
	: 0.45 -0.90 L / 2 bags of cement (50 kgs. / bag) 0.5 - 1.0 kg. / 2 bags of cement (50 kgs. / bag)

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HANDLING AND STORAGE	nev.1 10/20
Storage	: - Keep all containers well closed.
ciolago	- Keep in a dry cool place.
Shelf life	: 12 months in original packing.
PACKAGING	
	: 5 L, 25 L container
HEALTH AND SAFETY	
	: Please observe the precautionary notices displayed on the container. Use under well ventilated
	conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should
	immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with
	water and medical attention sought immediately.
	: For detailed information on the health and safety hazards and precautions for use of this product,
DIOOLAIMED	we refer to the Material Safety Data Sheet.
DISCLAIMER	
	: This information in this data sheet is given to the best of our knowledge based on laboratory testing
	and practical experience. However,as the product is often used under conditions beyond our
	control, we cannot guarantee anything only the quality of the product itself. We reserve the right to
	change the given data without notice.