

DARATARD[®]

Water reducer retarder

Product Description

DARATARD[®] is a ready-to-use aqueous solution of highly purified lignosulphonate. DARATARD[®] complies to AS 1478 as a Type WRRe, Water Reducer Retarder. DARATARD[®] contains no triethanolamine or intentionally added chlorides.

Applications

DARATARD[®] retards the initial and final set of concrete. At the usual addition rate of 600mL / 100kg cementitious material it will extend the initial setting time of portland cement concrete by 2 to 3 hours at 21 °C. DARATARD[®] is used wherever a delay in setting time is desired to insure sufficient delivery, placement, vibration or compaction time, such as in:

- Hot Weather Concreting
- Transit Mix Concrete
- Prestressed Concrete

DARATARD[®] is also used in road pavement concrete to provide water reduction and set time control.

Water-reducing Properties

Along with set retardation, DARATARD[®] provides water-reduction typically 5 - 10%) in a concrete mix. This water-reducing action of DARATARD[®] produces greater plasticity and workability in the fresh concrete and the strength and permeability of the hardened concrete are measurably improved. DARATARD[®] is designed for use in applications in high temperatures where extended setting times are of prime importance.

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North America customer service: 1-877-4AD-MIX (1-877-423-6491)

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Last Updated: 2023-07-06

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