



Technical Data Sheet

REMITARD 20 (BV)

Art.-No. 4 01469

Highly effective plasticizer with retarding effect

Fields of Application:

REMITARD 20 (BV) is mainly used in ready-mixed and site-mixed concrete that, due to climatic or other special placing conditions, requires a prolonged workability time.

The use of REMITARD 20 (BV) provides a significantly higher slump retention, even at high ambient temperatures. Therefore, longer transport times or pumping distances are possible. Heat peaks during the cement hydration when working with mass concrete are strongly reduced. The formation of tension cracks is effectively counteracted.

Properties and Benefits:

REMITARD 20 (BV) favours the dispersion of the cement particles and has a high water reducing power. This usually results in a significantly higher compressive strength.

The retarding components of the selected raw materials render prolonged workability options for transport, placement and finishing of the fresh concrete.

Technical Data:

Raw material base:	mod. lignonsulfonate
Colour:	brown
Form:	liquid
Density:	1.26 g/cm ³
Storage:	in original containers at constant temperatures, protect against frost
Shelf-life:	12 months at + 20° C in original containers
Delivery:	1. 100 kg IBCs 200 kg drums 25 kg cans

Recommended Dosage Range:

0.2 - 0.6 % on CEM

The final dosage quantity depends, among others, on the reactivity of the cement and the concrete recipe. This must be determined in suitable trials. During cold or warm ambient temperatures, the dosage rates have to be decreased, resp. increased as required.

Instructions for use:

REMITARD 20 (BV) is best added to the ready mix as the last component. The dosage together with the gauging water is also possible when cleared in practical tests. Mixing times depend on the type of mixer and have to be adjusted, if necessary. Sufficient final mixing times have to be secured in each case. Guidance value: 1 minute per m³ of concrete (at least 5 minutes in total).

Special Advice:

- Suitability tests accord. to valid standards and norms should be carried out prior to usage.

Certificates:

Complies with DIN EN 934-2:T2

Safety Advice:

Please adhere to valid EU Materials Safety Data Sheet!