

ROADFLEX RF900

POLYMER DISPERSION FOR MODIFYING CONCRETE AND BONDING BRIDGES

ROADFLEX RF900 is a ready-to-use polymer dispersion for modifying concrete for demanding applications, particularly for liquid-tight and open-pored concrete, as well as for composite and bonding bridge applications. Polymer modification improves the concrete's adhesion and cohesion, increases its impermeability, durability, and CO₂ resistance, while simultaneously optimizing its workability, flow, and compaction properties, as well as its adhesion to dry and damp substrates. In addition, **ROADFLEX RF900** significantly improves frost and thaw resistance.



APPLICATION

- **ROADFLEX RF900** is used in concrete structures to provide protection against water-polluting liquids, for example in spill containment pans and tank basins, as well as for open-cell, sound-absorbing, and drainable concrete in the construction of traffic and parking areas.
- **ROADFLEX RF900** is suitable for whitetopping with high impermeability requirements, as a bonding agent, and for concrete protection and restoration measures.

PROCESSING

The product is supplied in 1000 kg disposable IBC containers.

- **ROADFLEX RF900** is suitable for both wet and dry spraying methods.
- **ROADFLEX RF900** can be mixed into either the ready-mix concrete or the mixing water.
- Processing is possible from as low as 4 °C.



Optimized workability, flow, and compaction properties



Construction of traffic and parking areas

INFO

In case **ROADFLEX RF900** is used in applications other than those applications mentioned, the selection, processing and use is the sole responsibility of the purchaser of **ROADFLEX RF900**.

All legal and other regulations must be observed.

STORAGE

Wird **ROADFLEX RF900** in Tanks gelagert, müssen entsprechende Lagerbedingungen eingehalten werden. Bei kühler Lagerung (unter 25° C, aber frostfrei) in den ungeöffneten Originalbehältern wird für **ROADFLEX RF900** eine Haltbarkeit von sechs Monaten ab dem Lieferdatum gewährt.

ROADFLEX RF900 ist während des Transports und der Lagerung angemessen konserviert, wenn es in den ungeöffneten Originalbehältern aufbewahrt wird.

Bei Lagerung in Tanks sollte die Dispersion zur Vermeidung mikrobieller Kontamination mit einem Konservierungsmittel modifiziert werden. Außerdem sollten die Tanks vorher ordnungsgemäß gereinigt sein. In Lagertanks, in denen das Produkt nicht gerührt wird, ist es ratsam, die Oberfläche der Dispersion mit 1– 2 cm Wasser, dem ein Konservierungsmittel zugesetzt wurde, abzudecken. Dadurch werden Hautbildung und mikrobielle Kontamination verhindert.

SAFETY INSTRUCTIONS

Comprehensive instructions are given in the corresponding safety data sheets. These are available on request from the supplier.

CHARACTERISTICS

Product data	Specification method	Value
Solid content	DIN EN ISO 3251	51,5 – 54,5 %
Viscosity, dynamic	DIN EN ISO 2555	100 – 400 mPa.s
Ph-value		3,0 – 4,5
Typical general characteristics	Inspection method	Value
Density	ISO 2811	ca. 1,06 g/cm ³
Appearance	Visually	milky-opaque