

precote 19-2

Prevail Torque Precoating rapid drying

Description

precote 19-2 is a nonreactive, film-forming, toluene based resin solution for coating threaded parts. It is a physiologically harmless precoating for immediate locking and fixing of cylindrical and conical threads. The dried film is tack-free and dry to the touch.

Application

On threaded parts (cylindrical/cylindrical and cylindrical/conical combinations) like screws, studs or plugs. The coating produces a prevail torque to fix set screws, prevents a loosening at vibrations and offers a transport locking.

Properties

- Fast drying and tack-free film.
- Locking and fixing immediately after assembly.
- Contingent reusability.
- Physiologically harmless in liquid and coated condition.
- Threaded parts can be preapplied long time before assembly (oT coating machine).
- Thread friction value has to be considered.
- Avoids corrosion in the threaded connection.
- Can be applied on all threaded materials (with plastic a compatibility test (solvent) is required).
- Good chemical resistance.

Technical data - precote 19-2

colour	colourless/ red (as requested)
solvent	toluene
thread friction value μ_{thread}	0.18 - 0.23
initial installation torque M10 x 1.5* depending on coating thickness	3 - 7 Nm
sealing effect taper/straight	< 50 bar (720 psi)
resistance tested	
air	-60°C to +90°C
motor oil	RT
gear oil	RT
glycol/water 50/50	RT
tape water	RT
brake fluid	RT
diesel	RT
shelf life	4 years at room-temperature (RT) 27/65 DIN 50014

* All values apply to screws M10 ISO 4017-8.8 plain finish and nuts M10 ISO 4032-10 plain finish. Application with concentrated product.
Values < M10 and >M10 acc. DIN 267 part 28

02/11

Guarantee: As we do not know the specimen, dimensions, materials, combinations, surface conditions etc. of the threads in question, it is absolutely essential to run quality tests prior to general use to make sure about the required performance under field conditions. Our guarantee is confined to supplying precote in proper quality. In view of the fact that processing of precote by the coating partner and the application of precote coated parts are beyond our knowledge and influence we cannot guarantee for the quality of parts coated with precote and assemblies made thereof. We accept liability for the fitness of our products for particular purposes and liability for particular qualities of our products only in the event that we have accepted such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequential damage, shall be excluded.