

precote 6

Clamp Coating with
Low Installation Torque

Description

precote 6 is a nonreactive coating used for immediate clamping of cylindrical and conical threads. The coating is dry, tack-free, with good adherence and can be used in all kind of assembly procedures.

Application

precote 6 is used as a coating for assembly components e.g., screws, studs and plugs, both cylindrical/cylindrical and cylindrical/conical parts, where a low initial installation torque for adjustment is needed. Furthermore precote 6 can be used as securing device against the loosening through vibration or for transportation.

Properties

- Clamping immediately after assembly.
- Constant assembly properties.
- Low initial installation torque.
- Forms a dry to the touch coating.
- Can be applied to metallic and non metallic surfaces.
- Good chemical resistance.
- Non hazardous.

Technical data

Typical Properties	
Chemical Type	Acrylate
Color	white
Thread friction value μ_{Thread}	0,25 – 0,30
Initial installation torque*	2 – 5 Nm
Maximum operation temperature in air	-60°C to +110°C -75°F to +230°F

*All values based to screws M10 ISO 4017-8.8 plain finish and nuts M10 ISO 4032-10 plain finish.

Shelf life 4 years at max. 30°C and max. 65% relative humidity.

Storage and transport conditions see omniTECHNIK packaging information.

December 2014

Note: 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.