

ZINC FLAKE COATING DELTA PROTEKT®

APPLIED ON NORD-LOCK STEEL WASHERS

NORD-LOCK®
Bolt securing system

ENVIRONMENTAL COMPLIANCE	<ul style="list-style-type: none">· ELV compliant (EU directive 2000/53/EC)· RoHS compliant (EU directive 2002/95/EC)
COATING SPECIFICATION	Zinc and aluminium based inorganic surface coating: <ul style="list-style-type: none">· Base coat KL100 (according to EN ISO 10683). Silvery / matt grey colour.· Top coat VH 302 GZ. A water based and transparent seal.
APPLICATION TECHNIQUE	Dip spin <i>The method offers an evenly applied micro layer. Furthermore; the use of a non-electrolytically applied surface treatment eliminates the risk of hydrogen embrittlement. After dip spin, the washers are heated in order to cure the coating.</i>
CORROSION RESISTANCE	Endures a minimum of 600 hours of salt spray test in accordance with ISO 9227 and DIN 50021. <i>The coating provides cathodic protection and also a barrier effect.</i>
TEMPERATURE TOLERANCE	Temperatures above 180°C affect the corrosion resistance according to Dörken.
REGARDING HIGH PURITY APPLICATIONS	Particles from the zinc flake coating may loosen can contaminate sensitive environments such as clean rooms, food processing facilities, hydraulic / engine oil. Therefore NORD-LOCK recommends suitability testing in applications with specific requirements for high purity (no loose particles). Contact NORD-LOCK for product samples and further technical advice.
FURTHER INFORMATION	The surface coating process is performed at the NORD-LOCK factory in Sweden. Our Dörken certificate and salt spray test results are available through our website: www.nord-lock.com <i>Dörken's website: www.doerken-mks.de</i>

Version 2, June 2009

Factory & Warehouse

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