



DB Systemtechnik GmbH  
Oberflächen- und Fügetechnik TT.TVI 33  
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<b><u>Productqualification</u></b> for powder coating material according to DBS 918 340 technical inside application on steel	
<b>Producer:</b>	Brillux GmbH & Co. KG Industrielack Otto-Hahn-Straße 14 59423 Unna
<b><u>Product:</u></b>	- Brillux Premium Polyester Powder 593X
<b><u>Area of validity:</u></b>	Technical inside application on railed vehicles of DB AG.
<b><u>Validity period:</u></b>	The product qualification has 5-year validity, from May 2023 to April 2028.
<b><u>Scope of application:</u></b>	Coating of attachment parts made from steel for technical inside application on railed vehicles of DB AG.
<b><u>Qualification based on:</u></b>	Tested pretreatment: - Steel (zinc-phosphated) Test report: - 12-3-22/B from ILAK, from 2023-03-08
<b><u>Fire protection:</u></b>	Test reports: SL/Z-190/EN45545-R1/0183a/2023 from SYCHTA LABORATORIUM v. 2023-03-20, Hazard Level HL3 for set of requirements of R1 (Inside) and R7 (Outside) fulfilled.
<b><u>Tested thicknesses:</u></b>	Corrosion protection: ca. 60-120 µm Fire protection: ca. 100-120 µm
<b><u>Quality assurance:</u></b>	The final producer ensures for every delivery fulfillment of set specifications in DBS 918 340.

Kirchmöser, the 2023-07-17

p.p.

J. Otto  
TT.TVI 33

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Surface Technology

