



CUSTOMER REFERENCE

Single part test gauge made of NECURON® 620 for prototype door panels for the VW Touareg

Customer:	Formenbau Wolf, Sassenburg, Germany
Products used:	NECURON® 620
Branch:	Model, tool and mold making
Application:	Production of single part and series gauges for prototype construction and series production in the automotive industry

1. ISSUE

Test gauges have to be produced for almost all components that are installed in automobiles. The materials used are selected according to the area of application or customer specifications. For example, there are single part gauges only for prototype construction and series / assembly gauges. A gauge is used to test prototype or series parts and not to measure them. No numerical values are determined, but a target state with an actual state of the product to be tested is determined.

2. SOLUTION / RESULTS

The company Wolf uses the NECURON® 620 to produce gauges

The procedure is as follows:

In the case of single part gauges for prototypes, the panels made of NECURON® 620 are glued with NECURON® K6 and then milled. After milling, the surface of the gauge is sanded with 180 or 240 sandpaper and then coated twice with clear varnish.

Gauges made of NECURON® 620 that are to be used in series production are first primed after sanding according to the customer's request and then painted in color.

In the last step, the gauges are checked in the measuring room and delivered to the customer with a measurement report.

The series gauges made from NECURON® 620 are used by the Wolf company to test carpets and textiles, e.g. for car trunks.

APPLICATION IMAGES

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