

1 The Federal Motor Transport Authority

DE – 24932 Flensburg

GENERAL DESIGN CERTIFICATION (Allgemeine Bauartgenehmigung = ABG)

in accordance with paragraph 22a of the road traffic authorization act in the edition dated 28.09.1988 (Government Publication I. p. 1793) in association with the decree on the verification and authorization of the design of vehicle parts and their labeling in the edition dated 12.08.1998 (Government Publication I. p. 2142)

“ABG” Number: D 5432

Device: Film for vehicle windows

Type: Window graphics 3

“ABG” holder: MACtac Deutschland GmbH

DE-50829 Cologne

Manufacturer: MACtac EUROPE S.A.

BE-7060 Soignies

This authorization is granted for the above mentioned series-made finished or semi-finished products with the following requirement:

The authorized appliance must display the test symbol



D5432

This symbol issued by this authority is to be displayed on every part of the current series as shown above and should be durable and clearly visible. Symbols that could give rise to confusion with another official test symbol are not to be displayed.

2 **The Federal Motor Transport Authority**

DE – 24932 Flensburg

GDC Number: D 5432

Vehicle parts can only display the test symbol issued if they correspond to the authorization documentation in full. Changes to the products are only permitted with the express agreement of the federal motor transport authority. Breaches of these conditions will lead to the authorization being revoked and will, moreover, lead to prosecution. The individual products of the series manufacturing must at least meet the conditions given in the “Technical Requirements for Vehicle Parts for Design Verification according to paragraph 22a “Road Traffic Authorization act” (Strassenverkehrs-Zulassungs-Ordnung) dated 05.07.1973 taking into consideration the edition that came into force on 23.02.1994 and the draft to TA No. 29, clause 3.8.

The films, Window Graphics 3 type, should display the symbol on the exterior of the vehicle windows that the driver does not need to see through in accordance with the following characteristics:

Type of material: PVC film

Film thickness: 0.235 mm +/- 20%

No. of layers: 2

Colour of the film: Printing side white, other side black

Structure of the film: transparent, cast soft PVC film (type **LF3697**), colour-less laminate adhesive on acrylic base + calendared, perforated and printable, soft PVC film (type **JT 5817 P**) transparent, permanent adhesive on acrylic base

Comments: The film can be printed with solvent based inkjet. The degree of reflection due to this printing on the outside of the window does not exceed the level of 25%.

The films may only be applied up to the window edge of the windows.

Clamping and attaching the film with a window border or a rubber seal is not allowed.

The purchaser is to be informed in supplied instructions about the restricted application area and about the particular design conditions and it should be pointed out that when using the film on the rear windows of cars they must be fitted with a second wing mirror. The validity of the design authorization depends on this.

3 The Federal Motor Transport Authority

DE – 24932 Flensburg

“ABG” Number: D 5432

Moreover, the information given in the enclosed certification report of the material verification office of North Rhine-Westphalia, Dortmund, dated 05.07.2007 applies. Flensburg, dated 09.08.2007

p.p.

Bartelsen

Stamp: The Federal Motor Transport Authority 402

Enc.:

Additional clauses and instructions on rights to appeal
Certification report of the material verification office
of North Rhine-Westphalia, Dortmund

No. 41 0004224 dated 05.07.2007

Draft to TA No. 29, clause 3.8

Remark : Translation of the original German document.