

**KBE 3390/3395 WINDOW PROFILE SYSTEMS
DECLARATION OF CONFORMITY**

5 January, 2015, No. 150105 – 3Wx

We, UAB (Limited liability company) „Profine Baltic“, reg. No. 111702714, address: Tilžės g. 101, 91100 Klaipėda, undertaking the responsibility hereof, hereby declare that PVC (polyvinyl chloride) profiles of **KBE 70** systems 3390/3395 for windows with EPDM gasket, are made on an extrusion-based process and meet the requirements as set forth below:

1. Technical data of the **KBE 70** systems:

Material: PVC white and coloured moulding material. In accordance with DIN EN ISO LST 1163, PVC-U, ELP, 082-50-T28. In accordance to LST EN DIN 12608:2003 – „new unplasticized material“, and inner walls („invisible part“ after glazing) „Recycline“ LST EN 12608:2003 - „own reprocessable material“.

Classification according to main profiles in accordance with LST DIN EN 12608:2003
the thickness of profile walls: Class B

Used PVC stabilizers: Ca/Zn

Tolerances of dimensions: in accordance with LST DIN EN 12608:2003

Classification according to Climatic zone: in accordance with LST DIN EN 12608:2003
meets the requirements of the zone – S

Classification according to Impact resistance: in accordance with LST DIN EN 12608:2003
Class II

Profile marking: in accordance with LST DIN EN 12608:2003
„EN 12608-S-II – B“

Physical characteristics of the material: in accordance with LST DIN EN 12608:2003

Colour: white (matches RAL 9016), structural, and wood imitation colours
in accordance with the **KBE 70** range

Painting: available

Processing availability: boring, milling, cutting, polishing, boiling

Corner junction: welding

Glass: all glass and filling

Glazing: dry glazing with PCE and EPDM sealing materials

Water outlet: milling/ boring, outlet via special chambers

Hardware system to bonding: standard

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Cleaning and maintenance: material designed for cleaning of plastic materials, water and appropriate cleaning agents.

2. Physical characteristics of **KBE 70** systems:

Density.

Test in accordance with DIN EN ISO 1183: 1.39 g/m³

Softening temperature. Test in

accordance with Vika DIN ISO 306: ≥80°C

Linear dilatation rate

(from -30°C to 50°C) 7 x 10⁻⁵ K⁻¹

Impact resistance. Test in

accordance with Charpy

impact strength DIN EN ISO 179-2

30 kJ/m²

Impact resistance at minus temperature

up to -40°C. Test in

accordance with DIN53543

no mechanical damages

Stretching force (stress fracture).

Test in accordance with DIN EN ISO 527

47 N/mm²

Elasticity module in

accordance with EN 12608

E-Modul.

2500 N/mm²

Test in accordance with DIN EN ISO 527

Solid pressure resistance.

Test in accordance with DIN ISO 239 T1

130 N/mm²

Thermal conductivity.

Test of Thermal Insulating

Materials in accordance with DIN 52612

0.16 W/mK

Flammability. Test in accordance

with DIN 4102

hardly flammable;
self-extinguishing

Flame spread index

LST 1532:1998/ 1K:2001

0.0

Light resistance

(colour conversion by irradiating)

Test in accordance with DIN 54001

2-3 grey-scale level

Atmospheric resistance

after irradiation Group 4 in accordance with
DIN ISO 105-A03

Physiological characteristics and environmental behaviour

inert, neutral
 resistance to atmospheric influence, chemical resistance, and resistance to decay guarantees no danger to health and environment while maintenance

3. Gasket and weatherstripping

Material	EPDM
Density. Test in accordance with DIN 53479:	1240 kg/ m ³
Stretching force	≥7.0 MPa
Hardness degree	60 IRHD
Breaking elasticity	≥ 250%
Absolute breaking elasticity at temperature alteration in accordance with DIN 53504/53455	320%
Permanent deformation. Test in accordance with DIN ISO 815: (-25°C/22h/25%)	≤70%
(100°C/22h/25%)	≤35%
Solubility in water	insoluble
Atmosphere resistance, DIN 53 504 (elasticity)	220
WGK class of hazard to waters	0
Stabilizers (materials)	Ca/Zn
Category of use in type accordance with EN 12365-1	G
Working range in accordance with EN 12365-1 (meet the requirements of Class 3-4)	class 3
Working temperature range in accordance with 12365-1 (at alteration of min. 17%, max. 89%)	class 3

Gaskets are made on a co-extrusion-based process (PCE). Replacement of gaskets is available.

4. Reinforcement in accordance with DIN EN 10142:

Material:	DX 51 D +Z
Zinc coating:	200-275 g/m ²
Breaking elasticity: R _m	500 N/mm ²
Relative elongation, δ 4	≥20
A ₈₀	22%
Yield strength , re	310-320 MPa
Tensile strength, rm	370-380 MPa
Elasticity module, E	200GPa

Basis for declaration of conformity:

- Prüfbericht SKZ No. 88529/09-I, No. 88529/09-II, SKZ – TeConA GmbH, DAR Akkreditierung Würzburg 2009-10-14;
- Technische Lieferspezifikationen für Stahlverstärkungen aus Metall, issued by GerbhardStahl, Jan. 2005;
- Certificates: Prüfzeugnis zur Prüfung No. 101 23765, issued on 03 07 2001 at i.f.t Rosenheim
and Prüfzeugnis zur Prüfung No. 101 01563/1, issued on 17 07 1998 at i.f.t Rosenheim;
- Conformity to RAL RG 716/1 standard, registration No. 159;
- Flame index determination SMB-11/2004, issued on 19 03 2004 by Fire Test Centre at the Ministry of Internal Affairs of the Republic of Lithuania;
- Certificate of Hygiene of non-foodstuff No. 2-2-I-42056/07, issued by State Public Health Service.

Expiry of the declaration – 31 December, 2015.

Authorized for signing the Declaration

Marius Ulozas

UAN "Profine Baltic"
Project Manager

