



# Prüfzentrum für Bauelemente

Dipl.-Ing. (FH) Rüdiger Müller

Fenster · windows  
 Rollläden · shutters  
 Türen + Tore · doors  
 Fassaden · curtain walling  
 Baubeschläge · building hardware  
 Version 1.en

## TEST CERTIFICATE No. 09/04-A114-Z1

**Air permeability test according to DIN EN 1026 : 2000-09**

**Watertightness test according to DIN EN 1027 : 2000-09**

<b>Applicant</b>	ALUMAT Frey GmbH Im Hart 10 87600 Kaufbeuren Germany
<b>Type</b>	Magnetic double seal with silicone contact seal for single-leaf building entrance doors as well as patio and balcony doors.
<b>Product Designation</b>	<b>MFAT 10</b> (for external wood doors) <b>MFAT 20</b> (for external plastic and metal doors)
<b>Dimensions</b>	Overall dimensions of outer frame up to (width x height) approx. 1050 x 2250 mm
<b>Gaskets</b>	Three-sided continuous gasket in the door leaf (rebate gasket) and three-sided continuous gasket in the door frame, optionally with additional three-sided continuous centre seal.
<b>Hardware</b>	Turn-and-tilt furniture (two additional locking points vertically and one horizontally at top) or at least three hinges and multi-bolt locking system with at least three locking points (each adjustable)
<b>Glazing</b>	Insulated glazing unit (system-dependent construction)
<b>Classification</b>	According to the Expert's Report No. 09/04-A114-G1 of July 15, 2009 and the Expert's Report No. 14/02-A050-G1 (renewal) of February 11, 2014, the above type can be classified as follows: - Air permeability according to DIN EN 12207 : 2000-06: <b>Class 3</b> [- Air permeability of joints, $a=0.10 \text{ m}^3/\text{hm (daPa)}^{2/3}$ ] - Watertightness according to DIN EN 12208 : 2000-06: <b>Class 9A</b>

### Validity

**Valid for the validity periods of the standards**

Dipl.-Ing. (FH) Rüdiger Müller  
Head of Institute



February 11, 2014

Dipl.-Ing. (FH) Christoph Geiger  
Responsible Official