

Home / Standard products / RKE-AF plates and pre-fabricated parts acc. DIN EN 45545-2



serve as an interlayer for balancing out construction tolerances or as an element to dampen sounds between two materials.

RKE-AF-EN meets the standards of the rail vehicle industry and is fire resistant in accordance with EN 45545-2. The previous version RKE-AF (material tested according to DIN 5510-2) is still available. However, no valid fire protection certificates are available here, as the standard has been superseded by the EN 45545-2.

The fire prevention classification is only valid for the material. In combination with other materials (e. g. coatings, deposits) the fire behaviour can be influenced unfavorably, so that the classification is not valid any more. The fire behaviour of the material in the group with other materials must be proved separately.

- Specific weight: approx. 1.9 g/cm³
- Temperature resistant: approx. -40°C to +220°C (for short periods up to +280°C)
- Low moisture absorbency
- Smooth surface, Bondable, Semi-elastic
- Can be processed mechanically (drilling, cutting or grinding)
- Resistant to vapour, gas, fuels, oils, weak acids and water

We are happy to offer you finished parts according to drawings, strips as well as individual cuts.

ArtNo. [without SAF*]	ArtNo. [with SAF*]	Thickness [mm]	Dimension [mm]	Material	Fire Protection
1400359	1401539	0,5	1.500 x 1.500	RKE-AF	

ArtNo. [without SAF*]	ArtNo. [with SAF*]	Thickness [mm]	Dimension [mm]	Material	Fire Protection
1400052	1400052-1	0,5	1.500 x 1.500	RKE-AF-EN	
1400006	1400007	1	1.500 x 1.500	RKE-AF	
1400008	140008-1	1	1.500 x 1.500	RKE-AF-EN	EN 45545-2
1400014	1400012	2	1.500 x 1.500	RKE-AF	
1400014-1	1400012-1	2	1.500 x 1.500	RKE-AF-EN	EN 45545-2
1400015		2,5	1.500 x 1.500	RKE-AF	
1400016	1400018	3	1.500 x 1.500	RKE-AF	
1400013	1400013-1	3	1.500 x 1.500	RKE-AF-EN	EN 45545-2
1400021	1400022	4	1.500 x 1.500	RKE-AF	
1400019	1400019-1	4	1.500 x 1.500	RKE-AF-EN	EN 45545-2
1400031	1400028	5	1.500 x 1.500	RKE-AF	
1400029	1400029-1	5	1.500 x 1.500	RKE-AF-EN	EN 45545-2*
1400033	1400030	6	1.500 x 1.500	RKE-AF	
	1400038	7	1.500 x 1.500	RKE-AF	
1400032		8	1.500 x 1.500	RKE-AF	
1400035		10	1.500 x 1.500	RKE-AF	
1400039		12	1.500 x 1.500	RKE-AF	

* SAF = Self-adhesive film

** Fire protection test at 1 mm and 4 mm

We have a selection of standard formats available.

Customer-specific cutouts, strips or stamped parts according to patterns or drawings can then be obtained from these.

© 2023 Hilgendorf GmbH + Co. KG • Benzstraße 1 • D-31135 Hildesheim

<u>+49 (0) 5121 / 28995-0</u>

<u>E-Mail</u>

Cookie-Settings

☐ Technically essential ☐ Statistical purposes (anonymised)

We use cookies on our website. Some of them are technically essential, while others enable us to provide you with a better user-experience. You can consent to the use of cookies for statistical purposes by clicking on "Agree and continue" or adjust the settings on your own via the options above. For further information and how you can change your decision at any time, please refer to our <u>data privacy statement</u>.

Agree and continue Accept only essential