

# Specification

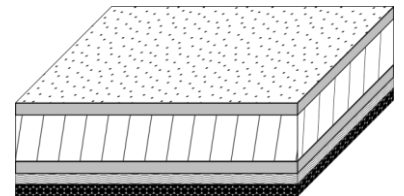
## KLINGER Polystrat XT38-21

Noise absorbing shim for disc brakes

### 1. Composite

Rubber, NBR	0.100 ± 0.010 mm
Cold rolled carbon steel	0.380 ± 0.020 mm
Rubber, NBR	0.100 ± 0.010 mm
PS-adhesive, acrylic	0.080 ± 0.010 mm
Release paper, siliconized	0.100 ± 0.020 mm

<b>Total</b> without release paper	<b>0.660 ± 0.050 mm</b>
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### 2. Properties

#### 2.1 Adhesive

2.1.1	Temperature resistance	
	SAFT – Shear Adhesion Failure Temperature	
	Temperature at separation	100 – 150 °C

2.1.2	Bonding strength of adhesive to steel plate	
	Bonding strength	min. 3 N/mm

### 3. Storage life

24 months according to DIN 7716  
 Higher storage temperature and or longer storage time may cause a decrease of the adhesive tack.

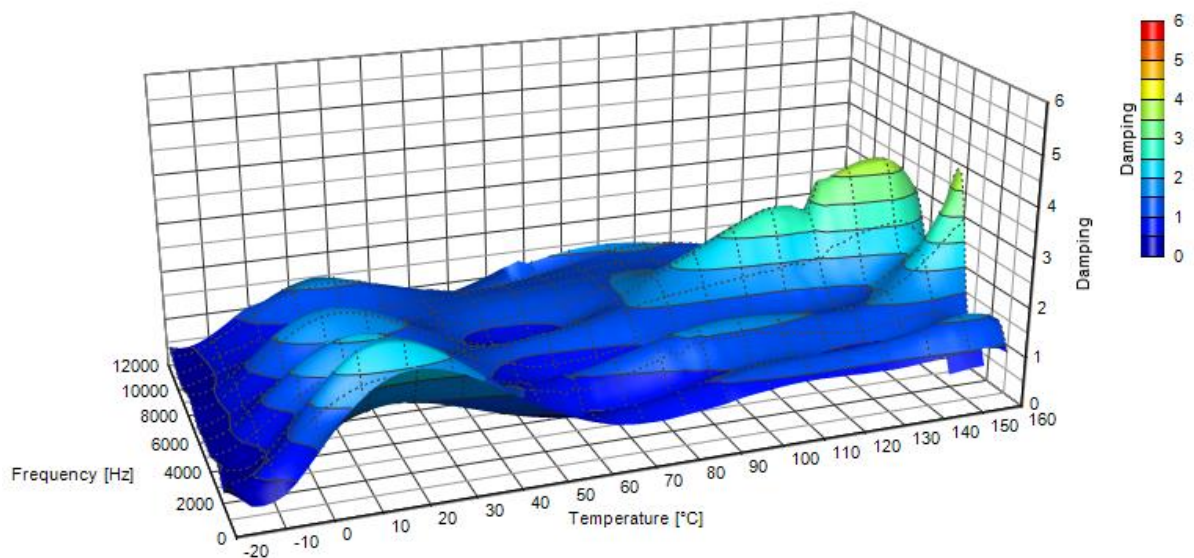
#### 4. Bonding conditions

To ensure a good bond between the shim and the backing plate of the pad we advise to use following parameters:

Temperature of back plate	min. 20 °C
Pressure	2 - 3 MPa
Pressure time	5 s

The surface of the baking plate must be free from any contamination like oil, grease, silicone, etc. Certain additives in the protection paint on the back plate may also affect the strength of the bond.

#### 5. Damping characteristics



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