



The product range includes the following types of fused aluminium oxide:

- Regular brown fused aluminium oxide; ESK, RBT 9 and OSO
- White fused aluminium oxide; WSK and WST
- Fused aluminium oxide for sandblasting; DSO and FST
- Special fused aluminium oxides

Treibacher fused aluminium oxide has the following typical properties, making it a high-performance, aggressive sandblasting agent:

- Material remains angular even after repeated use therefore guarantees constant cleaning and blasting performance
- Quickly produces smooth metallic surfaces (surface quality Sa. 3).
- High abrasion and long lifetime
- Uniform surface roughness provides excellent bonding for coatings
- Non-hygroscopic, therefore no formation of agglomerates and can be stored indefinitely
- Contains no free silica, therefore no risk of silicosis and represents no health hazard.



1. Standard grain groups

| DIN/ISO 11126 | Corresponds to Treibacher | Available types |
|----------------|---------------------------|-----------------|
| 1 - 2 mm | M 2 (=approx. F 12/14) | OSO, DSO, WST |
| 0.5 - 1 mm | M 3 (=approx. F 24/30) | OSO, DSO, WST |
| 0.25 - 0.5 mm | M 4 (=approx. F 46/60) | OSO, DSO, WST |
| 0.12 - 0.25 mm | M 5 (=approx. F 80/90) | DSO |

2. Straight grits

| FEPA*, ANSI**, No. | Nominal grit size (µm) |
|-------------------------------|------------------------|
| 8 | 2000 - 2800 |
| 10 | 1700 - 2360 |
| 12 | 1400 - 2000 |
| 14 | 1180 - 1700 |
| 16 | 1000 - 1400 |
| 20 | 850 - 1180 |
| 22 ¹⁾ | 710 - 1000 |
| 24 | 600 - 850 |
| 30 | 500 - 710 |
| 36 | 425 - 600 |
| 40 | 355 - 500 |
| 46 | 300 - 425 |
| 54 | 250 - 355 |
| ✓ 60 250α_p | 212 - 300 |
| 70 | 180 - 250 |
| 80 | 150 - 212 |
| ✓ 90 150α_p | 125 - 180 |
| 100 | 106 - 150 |
| ✓ 120 110α_p | 90 - 125 |
| 150 | 63 - 106 |
| 180 | 53 - 90 |
| ✓ 220 50α_p | 45 - 75 |
| 240 ²⁾ | 0 - 63 |

¹⁾ only in FEPA, ²⁾ only in ANSI
^{*}) FEPA - Fédération Européenne des Fabricants de Produits Abrasifs
^{**}) ANSI - American National Standard Institute



Grits available

Straight grits:

| Grit | ESK,RBT 9 | OSO | DSO | FST | WST | WSK |
|------------|-----------|-----|-----|-----|-----|-----|
| 12 | | • | | | | |
| 14 | | • | | | | |
| 16 | • | • | | | | |
| 20 | • | • | | | | |
| 24 | • | • | | | | • |
| 30 | • | • | | | | • |
| 36 | • | • | | | | • |
| 46 | • | • | | | | • |
| 54 | • | • | | | | • |
| 60 | • | • | | | | • |
| 70 | • | • | | | | • |
| 80 | • | • | | | | • |
| 90 | • | • | | | | • |
| 100 | • | • | | | | • |
| 120 | • | • | | | | • |
| 150 | • | • | | | | • |
| 180 | • | • | | | | • |
| 220 | • | • | | | | • |
| F230-F1200 | • (ESK) | | | | | • |

Grain groups:

| Grit | ESK,RBT 9 | OSO | DSO | FST | WST | WSK |
|-------------------------|-----------|-----|-----|-----|-----|-----|
| 1 - 2mm (M 2) | | • | • | | • | |
| 0,5 - 2mm | | | | • | | |
| 0,5 - 1mm (M 3) | | • | • | | • | |
| 0,25 - 0,5mm (M 4) | | • | • | | • | |
| 0,12 - 0,25mm (M 5) | | | • | | | |
| 1.2 /F (0.2 - 1.2mm) | | | | • | | |

Special sizes *):

| Grit | ESK,RBT 9 | OSO | DSO | FST | WST | WSK |
|-------------|-----------|-----|-----|-----|-----|-----|
| 3 - 6mm | | • | | | | |
| 2 - 3mm | | | • | | | |
| 1 - 3mm | | • | | | | |
| 0.5 - 2mm | | | • | | | |
| 0.5 - 1.5mm | | | • | | | |
| 0.2 - 1.4mm | | | • | | | |

*) available on request: