

# Data Sheet



## PS 24 F ACT Wide belts with paper backing for Stainless steel, Paint, Varnish, Filler, Plastic



### Applications

Stainless steel



Paint



Varnish



Filler



Plastic



Wood



### Properties

Bonding agent

Resin

Grain

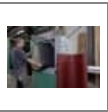
SiC

Coating

Close

Backing

F-paper



### For an immaculate surface – Klingspor's wide belt PS 24 F ACT

The Klingspor abrasive belt PS 24 F ACT was developed specifically for work on hard and tough surfaces. It is set apart by **minimum clogging** and also performs exceptionally well when used for grinding

- stainless steel,
- paint,
- **varnish**,
- filler
- and plastic.

When used for grinding stainless steel, this **wide belt** is capable of producing a brilliant finish with a fine glossy sheen. The PS 24 F ACT is also widely used in the wood and furniture industry. These industries appreciate its exceptional performance when used for sanding painted surfaces. To produce the results needed in these industries, the abrasive belt is also available with ultra fine grits.

### Hard and sharp-edged: the abrasive grain made of silicon carbide

The abrasive grain Klingspor uses for their **wide belt** PS 24 F ACT is silicon carbide. It is exceedingly hard and sharp-edged and possesses a crystalline structure. The **silicon carbide** abrasive grain is closely coated, allowing it to deliver a high stock removal rate. The close coating is also responsible for extending the service life of this abrasive. Its superior service life PS 24 F ACT makes it particularly well suited for grinding painted surfaces for an extended period. The abrasive is, furthermore, equipped with an antistatic coating. Its antistatic properties prevent excessive quantities of electrically charged dust, which is invariably produced by the friction generated during grinding, from sticking to the workpiece, the machine or the abrasive. Instead, the electric charge is dissipated via the abrasive belt and the earthing of the machine.

### Offering the same exquisite quality: backing and bonding

The backing of the abrasive belt PS 24 F ACT is made of relatively heavy F-weight paper. Exceptionally robust, it will also stand up to loads of greater magnitude. The top coat used is synthetic resin. It provides for a strong bond between backing and abrasive grain. While a natural bonding agent would be just as suitable for this purpose, synthetic resin offers greater adhesive strength. These superior qualities have led Klingspor to choose synthetically made resin for the top size coats of all of their abrasives.

available on request