

Warranty powder coating for external architectural applications

1. Warranty terms

We guarantee the use of high-class, quality tested powder coatings for fronts of buildings and ensure following quality features.

Quality feature and resp. test results	Standard powder Qual. class 1	Master powder Qual. class 2	Premium powder Qual. class 3
Colouring retention	good	very good	excellent
Gloss retention Florida weathering	1 year > 50 %	3 years > 50 %	10 years > 50 %
Mortar resistance	small visual differences	small visual differences	small visual differences
Acid and leach resistance	to be tested respectively	to be tested respectively	to be tested respectively
Cleanability	good	very good	excellent

2. Warranty period

Dependent on the favoured powder quality we guarantee following warranty periods:

- | | |
|--|------------------------|
| 1. For Polyester front powder Standard, Qual. class 1 | 5 years from delivery |
| 3. For HWF front powder Master, Qual. class 2 | 10 years from delivery |
| 4. For fluoropolymer front powder Premium, Qual. class 3 | on inquiry |

The warranty period will not be interrupted or restrained in case of remedy, revision, indemnification payments etc.

3. Warranty conditions

Mandatory for the granting of warranty is an appropriate and professional cleaning and maintenance of the coated surfaces.

Dependent on the location of the object resp. the degree of soiling a regular cleaning of the front accord. to the quality regulations of the „Gütegemeinschaft für Stückbeschichtung (GSB-International)“ resp. the „Gütegemeinschaft für die Reinigung von Metallfassaden (GRM)“ is obligatory. Compliance has to be confirmed by written evidence.

Within the scope of our warranty following cleaning intervals apply for front objects:

Climate class	Standard front powder Qual. class 1	HWF front powder Qual. class 2	Fluoropolymer front powder Qual. class 3
Climate class 1	Basic cleaning: every 7 years Maintenance cleaning: yearly	Basic cleaning: every 10 years Maintenance cleaning: every 2 years	Basic cleaning: every 15 years Maintenance cleaning: every 3 years
Climate class 2	Basic cleaning: every 5 years Maintenance cleaning: yearly	Basic cleaning: every 8 years Maintenance cleaning: every 2 years	Basic cleaning: every 12 years Maintenance cleaning: every 3 years
Climate class 3	Basic cleaning: every 3 years Maintenance cleaning: yearly	Basic cleaning: every 5 years Maintenance cleaning: yearly	Basic cleaning: every 10 years Maintenance cleaning: every 2 years
Climate class 4	Basic cleaning: every 2 years Maintenance cleaning: yearly	Basic cleaning: every 3 years Maintenance cleaning: yearly	Basic cleaning: every 8 years Maintenance cleaning: yearly

Climate class 1: Rural regions, low degree of soiling, dry

Climate class 2: Urban and industrial climate, moderate degree of soiling

Climate class 3: Urban and industrial climate, increased degree of soiling

Climate class 4: Industrial areas of high population density with high degree of soiling, coastal areas up to 50 km inland

For maritime objects we recommend in any case a pre-anodization treatment to eliminate Filiform corrosion!

4. Exemption from warranty

Warranty is restricted resp. excluded:

In case of damages caused by contact with aggressive sealing compounds, adhesives or resp. unsuitable cleansing agents.

If appropriate and regular cleaning accord. to number 2 was neglected.

In case of permanent heat impact > 70 degrees Celsius to the coated surfaces.

If the object is situated within the direct sphere of influence of salt water (e.g. maritime environment) and/or of industrial and other aggressive immission sources emitting lacquer damaging substances.

Objects situated in non-European areas are subject to special assessment!

5. Scope of warranty

The scope of warranty depends on the current status of our product indemnity insurance.

6. Settlement in case of damages

The absence of guaranteed properties resp. existent surface deficiencies has to be reported directly after detection.

In this context we refer to our General Business Terms (download at www.koenigmetall.de).



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Recommendable addresses resp. documents regarding front cleaning issues:
Aluminium-Zentrale Beratungs- und Informationsdienst, D-40003 Düsseldorf
Gütegemeinschaft für die Reinigung von Metallfassaden e.V. (GRM), D-90402 Nürnberg
Verband der Fenster- und Fassadenhersteller e.V., D-60594 Frankfurt a.M.
American Architectural Manufacturer's Association USA (AAMA 610-1979 Cleaning Producers)
VFF-Merkblätter Warten und Pflegen (WP.01/WP.02/WP.03/WP.05)
GRM-Liste der zugelassenen Reinigungs-, Konservierungs- und Pflegemittel
Aluminium-Merkblatt A5 „Reinigen von Aluminium im Bauwesen“
König-Reinigungsanleitung für Aluminiumteile (Download www.koenigmetall.de)