
ACCEPTANCE OF
CLEANING PERFORMANCES
IN THE FACADE AREA

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1. PRELIMINARY NOTES

This information sheet is intended to support the ordering party in the acceptance of the work performed.

The acceptance is carried out by the ordering party itself or by a representative commissioned by the ordering party. This can also be an independent, external authorized expert.

The acceptance of the work performed is based on the contractual agreements made as well as on the comparison with the sample surface which has been created prior to awarding the contract. ¹

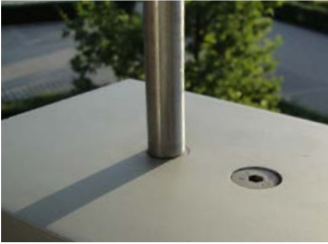
**ACCEPTANCE IS CARRIED OUT
BY ORDERING PARTY OR AN
AUTHORIZED REPRESENTATIVE**

**THE CONTRACTUAL
AGREEMENTS AND A SAMPLE
SURFACE SERVE AS BASIS**



2. VIEWING CONDITIONS

DEFINED LIGHTING AND VIEWING DISTANCE



First of all, the viewing conditions must be determined in order to make an objective evaluation. The evaluation must be carried out at diffused lighting vertically to the surface and from a distance of 3 meters in the ground floor area and 5 meters in the other floors for the evaluation of the overall picture¹.

For evaluating the cleaning quality, however, a detailed viewing is necessary, which must be carried out from a distance between 0.5 and 1 meter.

It is also reasonable to differentiate the evaluation of the cleaning result between main, secondary and non-viewing areas, as the cleaning performance and the cleaning result are different in these areas.

MAIN VIEWING SURFACES



The main viewing surfaces are surfaces which are accessible to the user of the building during regular public attendance.

Secondary viewing surfaces are components which are partially hidden behind covers, for example internal sides of handrails, partially concealed window frames behind roller shutter boxes or shadow gaps and chamfers, which usually remain concealed to the ordinary observer.

SECONDARY VIEWING SURFACES



Non-viewing areas are those areas which are not visible when the building is used in a regular way. These include rebate areas of window frames and casements, overlapping casements on the frame side which are only visible when opened, and horizontal chamfers at the end plates toward the ground.

Note: Such non-viewing surfaces must be commissioned separately, if the ordering party requests the cleaning. Mostly, this becomes comprehensible using the example of the folds which are often still contaminated by building activity.

NON-VIEWING SURFACES



3. ASSESSMENT CRITERIA

As assessment criteria, the previously created sample surface as well as the specifications must be taken as basis for the objective evaluation of the cleaning measure.

When evaluating the cleaning performance, a target/actual performance comparison between the sample surface and the remaining, cleaned facade must be carried out. During the evaluation process, the classification of the viewing surfaces must be taken into consideration. The cleaning performance and result must be differently evaluated and assessed dependent on the different types of main, ancillary and non-viewing surfaces.

In general, this evaluation can only take place during work in process using an adequate building cradle, an aerial platform or a mobile, suspended scaffold. Depending on the object's size, thus, it makes sense to schedule one or several intermediate acceptances.

COMPARISON BETWEEN
SAMPLE SURFACE AND
REMAINING SURFACE AS
ASSESSMENT CRITERION



4. SELF-MONITORING

The contractor must perform and document regular self-monitorings.

The responsible building coordinator must inspect the surfaces, which have been worked on, on a weekly basis. This is also important in order to be able to carry out possible rework quickly and economically with the building cradle or scaffolds, which are still available on site.

THE DOCUMENTATION OF THE SELF-MONITORING SHALL SHOULD BE CARRIED OUT USING A CHECK LIST AND INCLUDE THE FOLLOWING:

- Observance of the cleaning classes
(what has been commissioned, has this been executed, and when?)
- Observance of accident prevention regulations
- Observance of cleanliness at the other elements
- Performance of measurements
- Inspection of the side surfaces which are usually less noticeable

If the ordering party has requested the control of the cleaned components with measuring instruments, the measured values, e.g. a comparative coat thickness measuring before and after the cleaning, or the determination of the gloss level in uncleaned as well as cleaned condition must be performed and documented.

It has also proved useful to take photographs which demonstrate the course of the cleaning measures.

SELF-MONITORING IS A
PREREQUISITE FOR AN ACCEP-
TANCE FREE OF FAULTS

LAYER THICKNESS MEASUREMENT



PHOTOGRAPHS AND MEASU-
RED VALUES SUPPLEMENT THE
DOCUMENTATION

GLOSS LEVEL MEASUREMENT



The inspection and documentation of damages, which only show during the cleaning process, is essential in this context. A detailed description and the exact location of the damage must be recorded during self-monitoring. It also serves to point to faults and possible remedies during the acceptance procedure.

It is particularly recommended to take photographs when documenting any damages.

5. ACCEPTANCE

ACCEPTANCE BY VIEWING OF THE CLEANED SURFACES

The acceptance is carried out by a mutual inspection and control together with the contractor.

The assessment criteria mentioned under point 3 and the viewing conditions (point 2) are basic.

Beside the visual evaluation, also the self-monitoring must be inspected and measurements taken.

TIME INTERVALS FOR PARTIAL ACCEPTANCE

If intermediate and final acceptance procedures have been scheduled, time intervals of approximately 4 weeks are recommended. It must be ensured that scaffolds or other access possibilities (mobile, suspended scaffold, aerial platform) are available to enable a detailed evaluation at surfaces, which is later on not possible in inaccessible, upper floors.

If the ordering party does not have expert knowledge, it is recommended to involve an authorized expert.

6. EXTERNAL MONITORING BY GRM

If the facade cleaning is contracted out to a member of the Quality Assurance Association, it is recommended that the ordering party reports the cleaning measures directly to the association office. This can be easily done by phone, fax or using the notification form available under www.grm-online.de.

This offers the possibility for the independent testing institute commissioned by GRM to include the cleaning measures in their unannounced, external monitoring.

If the cleaning is carried out by a member company of GRM, the GRM offers the possibility to inspect the cleaning measures by the commissioned, independent testing institute, when a dispute arises. If the complaint proves justified, the Quality Assurance Association bears the cost of this inspection.

The contents of this information sheet refer to the current status of the Quality Assurance and Test Specifications RAL-GZ 632.

**REPORT OF THE FACADE
CLEANING BY THE ORDERING
PARTY –
EXTERNAL MONITORING**

**INSPECTION OF THE
CLEANING MEASURE
BY AN INDEPENDENT
TESTING INSTITUTE**

SOURCES:

VFF INFORMATION SHEET AL.01 (REVISION SEPTEMBER 2017):
Filiform Corrosion – Avoidance on Coated Aluminium Components

²⁾ VFF INFORMATION SHEET AL.02 (REVISION AUGUST 2016):
„Visual Evaluation of Organically Coated (Painted) Surfaces on Aluminium“

VFF INFORMATION SHEET AL.03 (REVISION AUGUST 2016):
Visual Evaluation of anodically oxidised (anodised) surfaces on aluminium

¹⁾ GRM INFORMATION SHEET 01 (REVISION JUNE 2022):
Recommendations for the contracting and Performance of
Appropriate Facade Cleaning

INFORMATION

THE TECHNICAL SPECIFICATIONS AND RECOMMENDATIONS IN THIS INFORMATION SHEET ARE BASED ON THE CURRENT STATE OF KNOWLEDGE AT THE TIME OF ITS ISSUANCE. NO LIABILITY WILL BE ACCEPTED ON THE BASIS OF THIS INFORMATION SHEET.

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