

Appendix 7 Chemical requirements applicable only to surface treatment

This declaration shall be completed and signed by the surface treatment contractor.

Surface treatment contractor:
Name of the product:

O32 Application method and quantity applied – surface treatment

Give a short description of the surface treatment:

Number of coats: _____

Quantity applied (g/m²): _____

Application method(s): _____

O33 Environmentally harmful products and substances in surface treatment systems, alternative b)

Please state:	Yes	No
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Is the quantity of environmentally harmful substances applied in the surface treatment system not more than 60 g/m ² , calculated in a wet state?	<input type="checkbox"/>	<input type="checkbox"/>
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Please state the quantity of environmentally harmful substances applied in the surface treatment system (g/m ²)	
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Follow a calculation example in "Appendix 7, continuation" and instruction below:

- 1) First, the formula below must be used first to calculate the amount of environmentally harmful substances in the respective surface treatment product (%):

$$100 \cdot H410 + 10 \cdot H411 + H412$$

H410 is the concentration of substances classified as H410 in percent

H411 is the concentration of substances classified as H411 in percent

H412 is the concentration of substances classified as H412 in percent

All environmentally harmful substances included in the unhardened chemical products are to be included in the calculation (Chronic 1 with H410, Chronic 2 with H411, Chronic 3 with H412).

2) Thereafter, the amount of applied substances in the surface treatment system is calculated according to below equation:

$$\text{Applied quantity of respective product (g/m}^2\text{)} \times \frac{\text{Proportion of environmentally harmful substances in product (\%)}}{\text{Surface treatment efficacy (\%)}}$$

O34 Quantity of applied volatile organic compounds (VOC)

Please state either alternative a) or alternative b):

Yes

No

Alternative a)

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Is the total content of volatile organic compounds (VOC), including VAH, in surface treatment products below 5% by weight in total?

Follow a calculation example in "Appendix 7, continuation".

Please state the VOC in weight in total:

Alternative b)

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Does the total amount of VOC compounds of the chemical products used in the surface treatment system exceed 2g/m² of treated surface?

The applied amount of VOCs is calculated using the following formula:

$$\text{Applied quantity (g/m}^2\text{)} \times \frac{\text{Proportion VOC in surface treatment (\%)}}{\text{Surface treatment efficacy (\%)}}$$

It is the VOC content of the chemical products in their uncured form that must meet the requirement. If the products require dilution, the calculation must be based on the content in the diluted product.

Follow a calculation example in "Appendix 7, continuation".

Please state the VOC content in g/m²:

Signature of surface treatment contractor

Date	Company
Signature by contact person	
Name of contact person	Phone