

## PercoTop® 466 2K Outdoor Structure Topcoat

### Features

- PercoTop® 466 2K Outdoor Structure Topcoat is a polyurethane based 2K structure topcoat with a high mechanical resistance.
- It can be used for indoor and outdoor applications.
- Different structures can be produced (cf. PercoTop® fandeck, leaflets 17-20).

### Products

#### Base paint

PercoTop® 466	PercoTop® 466 2K Outdoor Structure Topcoat
CS949	PercoTop® 2K Structure Binder
CS944	PercoTop® 2K Matt Structure Binder
CS209	PercoTop® Gloss Agent 2K
XXX	Tints

#### Activators

CS710	PercoTop® Activator VHS Fast
CS711	PercoTop® Activator VHS Standard
CS712	PercoTop® Activator VHS Slow

#### Thinners

CS610	PercoTop® Thinner Fast
CS620	PercoTop® Thinner Standard
CS630	PercoTop® Thinner Slow

### Colours

- RAL classic colours.
- Other colours can be supplied on demand.

### Substrates





- All PercoTop® primers, primer surfacers and surfacers.
- Old coatings and GRP.

**For professional use only!**

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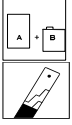

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### Surface preparation

<b>Substrates must be free from all contaminants.</b>	
<b>Apply to</b>	PercoTop <sup>®</sup> Primer/Primer Surfacer or old paintwork.
	Thoroughly clean old paintwork.
<b>Either</b>	 Sand dry with orbital sander and dust exhaust P320 - P500.
<b>or</b>	 Sand wet with sandpaper P600 - P800.
	Before further treatment, carefully clean sanded areas once more to remove all dust, paint residues from sanding and other impurities.

<b>VOC value ready for use (EU Directive 1999/13/EC)</b>
<ul style="list-style-type: none"> <li>&lt; 420 g/l Activated as given below without thinner.</li> </ul>






### Product preparation

	<b>Mixing ratio</b>	PercoTop <sup>®</sup> 466 All activators.	Volume	Weight
			4	5
		1	1	
	<b>Pot life at 20°C</b>	About 2 hours with CS710-CS712 activators.		

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### Application

		Structure	Application viscosity DIN 4 mm at 20°C (s)	Thinner (%)	Spray nozzle (mm)	Pressure (bar)	Number of coats
	<b>Gravity feed</b>	Coarse	As mixed	0	3.0	2.5-3.0	2
	<b>Suction feed</b>	Fine	As mixed	0	2.0		2
		Smooth	25-30	30-35	1.6-1.8		2
(High pressure spraying)		Spatter effect	As mixed	0	1.0-2.5		1
	<b>HVLP</b>	Coarse	As mixed	0	3.0	2.0-2.5	2
		Fine	As mixed	0	2.0		2
		Smooth	25-30	30-35	1.6-1.8		2
	(Low pressure spraying)		Spatter effect	As mixed	0	1.0-2.5	
	<b>Airless</b>	Coarse	As mixed	0	0.50	2.0-3.0 air	2
	<b>Airmix</b>	Fine	As mixed	0	0.41	ca. 80-120 material	2
		Smooth	25-30	30-35	0.28		2
	<b>Pressure pot</b>	Coarse	As mixed	0	1.3	2.5-3.0 air	2
	<b>Membrane pump</b>	Fine	As mixed	0	1.2		2
		Smooth	25-30	30-35	1.1	1.0-1.5 material	1
	(High pressure spraying)		Spatter effect	As mixed	0	1.0-2.0	
	<b>Electrostatic</b>	According to the advice of the Technical Representative.					
<b>Remarks for spatter effect</b>		Pre-spray with thinned material (25 s DIN 4 mm). The pre-sprayed coat should not dry longer than 6 hours and should not be baked.					
<b>Recommended dry film thickness</b>		40-80 µm Depending on the structure, thicker coats can be obtained.					

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### Drying

<b>Air drying at 20°C</b>	50 µm dry film thickness
<b>Dust dry</b>	30-50 minutes
<b>Dry to handle</b>	3 hours
<b>Dry to assemble</b>	16 hours
<b>Forced drying</b>	Flash time: 15 minutes. Depending on film thickness.
<b>Drying time</b>	30 minutes
<b>Drying temperature</b>	60°C object temperature
<b>Remarks</b>	Add CS215 to the base paint to accelerate the drying of the product following recommendations from the Technical Representative.



### Product data

	<b>Solids</b>  Weight (%) +/- 1	<b>Density</b>  (kg/l) +/- 0.01	<b>Theoretical coverage</b> (at 50 µm) (m <sup>2</sup> /kg)	<b>Theoretical material consumption</b> (at 50 µm) (g/m <sup>2</sup> )
<b>White</b>				
Packaged	68	1.31	-	-
Ready for use	69	1.28	9	115
<b>Black</b>				
Packaged	64	1.17	-	-
Ready for use	65	1.16	10	106

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### Remarks

	<ul style="list-style-type: none"> <li>• Different additives can be used to adjust application properties by brush and roll (CS211), elastification (CS210) and drying properties (CS215). See separate info sheet and contact your representative.</li> <li>• Different structured effects can be produced. It should be noted that the available gloss levels are only indicative of the visual impression in a medium structure. When PercoTop<sup>®</sup> 466 is sprayed in a very fine structure or in a smooth coat, the finish will be significantly lower in gloss: it may be advisable to order/mix a higher gloss level formula in this case. Likewise, a formula sprayed in a very coarse structure will be more glossy than in a medium structure.</li> <li>• Refer to table 1 and 2 of specifications of industrial paint if chemical or heat resistance is required.</li> </ul>
	<ul style="list-style-type: none"> <li>• Stir well before use.</li> </ul>
	<ul style="list-style-type: none"> <li>• Axalta recommends the customer should perform a quick colour check of products before use.</li> </ul>
<p><b>Storage conditions</b></p>	<ul style="list-style-type: none"> <li>• Refer to the label on the original can.</li> </ul>

<p><b>Safety</b></p> <p>Consult the Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.</p>
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### Information

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Axalta cannot anticipate all variations in actual end-use conditions Axalta makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

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