

# Low-overspray Airless spraying of facade paints

Nebelarmes Airless-Spritzen

Advantages, application, characteristic data, accessories

## Benefits

Low-overspray spraying application works with virtually any powerful airless unit. Emulsion paints must be used.

Thanks to minimum investment in required accessories the available spraying equipment is made suitable for low-overspray working on surfaces. There is no need to purchase special-purpose, costly spraying equipment.

Low-overspray spray application using emulsion facade paint produces first-class results without a development of unwanted spray vapor.

## Implementation

Correct calibration of the equipment and adequate levels of user skills are a requirement for successful low-overspray Airless spray application.

Reduce the spraying pressure and use a larger nozzle featuring a lower spraying angle to produce the low-overspray coat. Make sure during application that the gun is continuously moved at a 90° angle to the surface at a distance of 15–30 cm to the substrate.

We recommend using a 15 cm nozzle extension on the gun and a 1 m long, flexible whip hose to facilitate handling. The spraying method serves merely for application of the material. Always re-roll surfaces to achieve uniform surface finish.

## Recommended facade paint

Product	Dilution	Overspray formation
Silicone Facade Paint 918	Up to max. 5% with water	+++
Evocryl 200		++
Mattosil Facade Paint 960		+++
Universal Facade Paint 903		++

+++ Very minor

++ Minor

**Tool key data/equipment settings\***

Nozzle opening	Spraying angle	Pressure	
		Dynamic pressure	Spray pressure
0.027 Inch	40°	approx. 150–200 bar	approx. 100-130 bar

\* Aforementioned data has been adapted to application using Silicone Facade Paint 918 with equipment, such as Airless Spray Pack SF 31 dispersion (3416.0203.0000) and a hose length of 15 m, DN6.

**Accessories for low-overspray Airless spray application**

	Designation/description	Item number
<b>Nozzle, exterior</b>	TradeTip 3 – nozzle 427	3336.0003.0427
<b>Nozzle extension</b>	15 cm rigid (without nozzle)	3336.0100.0015
	30 cm rigid (without nozzle)	3336.0100.0030
<b>Plug-in filter</b>	White for dispersion	3335.0001.0002
<b>Gun</b>	Airless Gun AG 14	3335.0014.0000
<b>Airless HD whip hose</b>	Nominal range: 4 mm, 1 m long Complete with connections	3337.0002.0000
<b>Twin union</b>	Linking whip hose/hose, twin union, ¼"	3337.0004.0000

**Accessories for large structures**

	Designation/description	Item number
<b>Container intake system</b>	SF 27/31 PS 3.25/3.29/3.31/3.34	3293.0014.0000
<b>ProSpray adapter 3.25/3.29/3.31/3.34</b>	Container intake system	3293.0013.0000
<b>HC container intake system</b>	HC 950/970 E-SSP	3293.0020.0000
<b>Tub lid, 2" C connection with ball valve</b>	60 liter tub and 120 liter tub	7601.0301.0162
<b>Tub transport cart</b>	For transporting and application from 60 liter and 120 liter tubs	3293.0100.0000

**Notes****Further information**

Follow the instructions in the data sheets of the products used.

**Remark**

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Brillux  
Weseler Straße 401  
48163 Münster  
GERMANY  
Phone +49 251 7188-0  
Fax +49 251 7188-105  
info@brillux.de  
www.brillux.com