

# SIGMACOVER™ 900 Y

## DESCRIPTION

Two-component, solvent-free, polyamide-cured epoxy filler

## PRINCIPAL CHARACTERISTICS

- Excellent adhesion to concrete and steel
- Holes up to 3 cm (1.18 inch) can be filled in one application
- Can be used to smoothen a rough substrate
- No shrinkage

## COLOR AND GLOSS LEVEL

- Gray (base: offwhite; hardener: black)
- Matt

## BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Two
Mass density	1.7 kg/l (14.5 lb/US gal)
Volume solids	100%
VOC (Supplied)	Directive 1999/13/EC, SED: max. 0.0 g/kg
Overcoating Interval	Minimum: 12 hours Maximum: 7 days
Full cure after	7 days
Shelf life	Base: at least 12 months when stored cool and dry Hardener: at least 12 months when stored cool and dry

### Notes:

- See ADDITIONAL DATA – Overcoating intervals
- See ADDITIONAL DATA – Spreading rate and film thickness
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## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

### Substrate conditions

- Steel; blast cleaned to ISO-Sa2½, blasting profile 75 – 100 µm (3.0 – 4.0 mils)
- Concrete; cleaned from grease, dust and loose particles, preferably blast cleaned
- Moisture content of concrete should be maximum 4 %
- Previous coat: surface should be sufficiently roughened if necessary
- Previous suitable coat must be dry and free from any contamination



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## **Substrate temperature and application conditions**

- Suitable primer; SIGMACOVER 280
- Substrate temperature and temperature of SIGMACOVER 900 Y have influence on the application properties: at low temperature application is less easy and at too high temperature sag resistance is decreased

## **INSTRUCTIONS FOR USE**

### **Mixing ratio by volume: base to hardener 50:50 (1:1)**

- Temperature of base and hardener should be above 15°C (59°F)
- Mix thoroughly and slowly, avoid air entrapment
- No thinner should be added

### **Pot life**

1 hour at 20°C (68°F)

Note: See ADDITIONAL DATA – Pot life

### **Application**

- By means of a putty knife (avoid inclusion of air)
- Sandpapering possible after 8 hours

### **Cleaning solvent**

THINNER 90-83 (preferred) or THINNER 90-53

## **ADDITIONAL DATA**

<b>Overcoating interval for DFT up to 100 µm (4.0 mils)</b>				
<b>Overcoating with...</b>	<b>Interval</b>	<b>20°C (68°F)</b>	<b>30°C (86°F)</b>	<b>40°C (104°F)</b>
solvent-borne coatings	Minimum	12 hours	8 hours	6 hours
	Maximum	7 days	5 days	4 days

Note: Surface should be dry and free from any contamination

<b>Overcoating interval for DFT up to 100 µm (4.0 mils)</b>		
<b>Overcoating with...</b>	<b>Interval</b>	<b>20°C (68°F)</b>
solvent-free coatings	Minimum	Directly after application
	Maximum	See overcoating for solvent-borne coatings



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Pot life (at application viscosity)	
Mixed product temperature	Pot life
20°C (68°F)	1 hour
30°C (86°F)	45 minutes
40°C (104°F)	30 minutes

## SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets
- Although this is a solvent-free paint, care should be taken to avoid inhalation of spray mist, as well as contact between the wet paint and exposed skin or eyes

## WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

## REFERENCES

- |  |                   |      |
|--|-------------------|------|
| • EXPLANATION TO PRODUCT DATA SHEETS   | INFORMATION SHEET | 1411 |
| • SAFETY INDICATIONS   | INFORMATION SHEET | 1430 |
| • SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD – TOXIC HAZARD | INFORMATION SHEET | 1431 |

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