

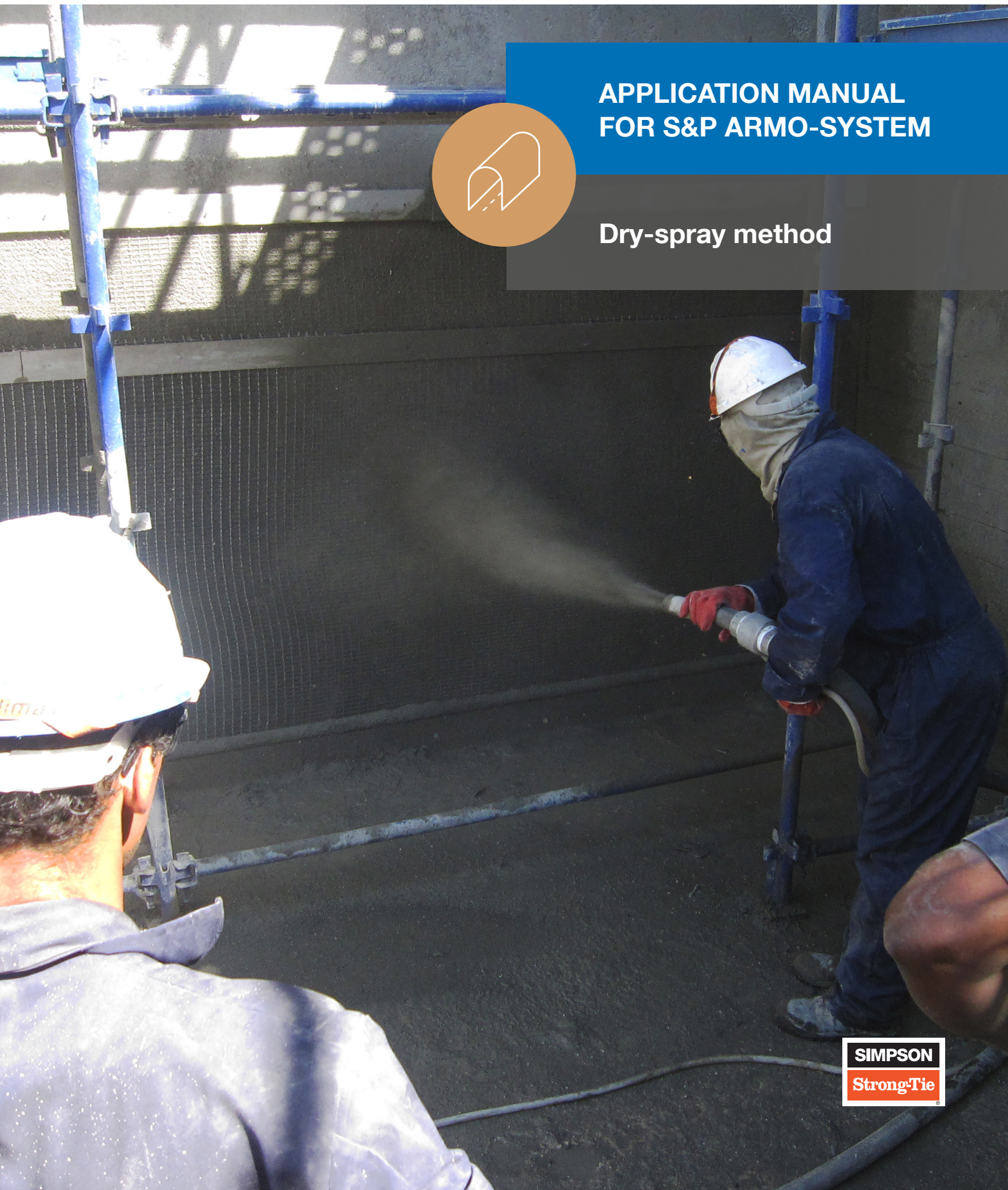


A Simpson Strong-Tie® Company

## APPLICATION MANUAL FOR S&P ARMO-SYSTEM



### Dry-spray method



# Application manual for S&P ARMO-System Dry-spray method



On the previous day, water the bearing substrate to full capillary saturation. The roughness should be 3-5 mm.

When applying the first layer of mortar, the substrate must not be covered in even a thin layer of water.



Apply the first layer of S&P ARMO-crete® d on the clean, slightly damp and dust-free substrate.



## Version without quick-setting binder (M)

After about 3~4 hours, the S&P carbon fibre reinforcement mesh can be fixed to the substrate with staples (special Inox-shape) and a pneumatic staple gun. The staple gun is operated with a small air compressor.

### Version with quick-setting binder (S)

The mounting method remains the same, but within the following 6 hours, it has to be followed by the application of the shotcrete mortar.



Overlapping length: 20 cm

When working on large curved profiles, end anchoring is not required for S&P ARMO-mesh® 200/200.



The substrate should be cleaned thoroughly with water pressure of about 150 bar before applying the second layer of shotcrete mortar.



### APPLICATION



Treatment of surface according to the requirements.  
The carbon fibre reinforcement mesh must be covered in about 1 cm, up to 2 cm.



After the application, the shotcrete mortar should to be protected against drying out (sun and wind exposure), and must be kept moist for up to 7 days.

### SAFETY

Measures regarding occupational safety (protective clothing / accident prevention) are a prerequisite.

### NOTES

The **material consumption** is approximately 27 to 30 kg per m<sup>2</sup> and cm layer thickness

**Static reinforcement:** S&P ARMO-mesh L600, L500, L200, C200, 200/200 and 500/500

**Constructive reinforcement:** S&P ARMO-glass fiber reinforcement

Fastening products and rental equipment available upon request.

More information about the S&P ARMO-System and all technical data sheets, as well as all safety data sheets, are available at [www.sp-reinforcement.eu](http://www.sp-reinforcement.eu)

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