

Mapejoint ST-S

Armored Construction Joint with Upper Sinusoidal, Steel Profile



PRODUCT FOR PROFESSIONAL USE

DESCRIPTION

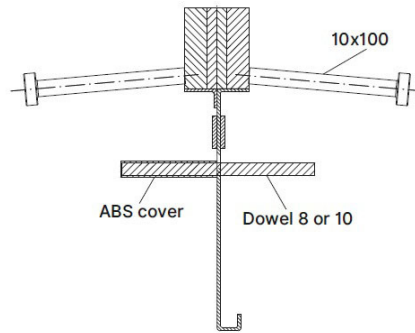
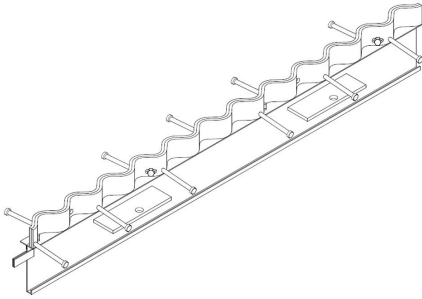
Mapejoint™ ST-S is a robust, all-steel, armored joint with a steel, sinusoidal top profile that geometrically eliminates impacts from wheel traffic. Part of a prefabricated, heavy-duty floor joint system, *Mapejoint ST-S* is designed to allow for the expansion and contraction of concrete slabs resulting from temperature changes and drying-related shrinkage. It connects portions of concrete pavement made on different pouring days and protects joint edges while providing load transfer. An alternative version of the product, *Mapejoint ST-S Flex*, is a joint equipped with a sliding bottom profile that allows flooring thicknesses of between 5-1/2" and 11" (16 and 28 cm).

FEATURES AND BENEFITS

- Protects the joints against impacts from wheel traffic
- Ideal for automated guided vehicle (AGV) systems
- Ensures a redistribution of loads along the armored construction joint body, preventing excessive localized stresses
- Composed of S235 steel for the upper armored joint edges and S355 steel for the remaining joint components
- Easy to install

WHERE TO USE

- Suitable for industrial concrete floors and pavements



RELATED ADAPTERS

Mapejoint Uni-S Adapter X/T/L, a universal adapter for intersection, is available upon request.



STORAGE

Store *Mapejoint ST-S* in its original packaging in a dry place and out of direct sunlight. Contact with solvents or organic liquids may damage the product.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

During installation, it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

Mapejoint ST-S 4: 7 ft. 10-1/2" (2.4 m)

Product	Joint height	Slab thickness	Length	Sinus profile thickness	Dowel plate size	Dowel spacing	Weight
<i>Mapejoint ST-S 4 125</i>	5" (125 mm)	5-1/2" to 6-1/4" (140 to 160 mm)	7 ft. 10-1/2" (2.4 m)	3/16" (4 mm)	7-1/8" x 4-3/4" x 5/16" (180 x 120 x 8 mm)	24" (600 mm)	7.57 lbs./ lin. ft. (11.27 kg/m)
<i>Mapejoint ST-S 4 155</i>	6-1/8" (155 mm)	6-1/4" to 7-1/2" (160 to 185 mm)					7.89 lbs./ lin. ft. (11.75 kg/m)
<i>Mapejoint ST-S 4 175</i>	6-7/8" (175 mm)	7-1/2" to 8" (185 to 205 mm)					8.11 lbs./ lin. ft. (12.07 kg/m)
<i>Mapejoint ST-S 4 200</i>	8" (200 mm)	8-1/4" to 9" (210 to 230 mm)					8.38 lbs./ lin. ft. (12.47 kg/m)
<i>Mapejoint ST-S 4 225</i>	9" (225 mm)	9-1/4" to 10" (235 to 255 mm)					8.65 lbs./ lin. ft. (12.87 kg/m)
<i>Mapejoint ST-S 4 250</i>	10" (250 mm)	10-1/4" to 11" (260 to 280 mm)					8.92 lbs./ lin. ft. (13.27 kg/m)
<i>Mapejoint ST-S 4 275</i>	11" (275 mm)	11-1/4" to 12" (285 to 305 mm)					9.19 lbs./ lin. ft. (13.67 kg/m)

Mapejoint ST-S Flex 4: 7 ft. 10-1/2" (2.4 m)

Product	Joint height	Slab thickness	Length	Sinus profile thickness	Dowel plate size	Dowel spacing	Weight
Mapejoint ST-S Flex 4 150 to 200	5.9" to 7.8" (150 to 200 mm)	6-1/4" to 9" (160 to 230 mm)	7 ft. 10-1/2" (2.4 m)	3/16" (4 mm)	7-1/8" x 4-3/4" x 5/16" (180 x 120 x 8 mm)	24" (600 mm)	8.1 lbs./lin. ft. (10.87 kg/m)
Mapejoint ST-S Flex 4 200 to 250	7.8" to 9.8" (200 to 250 mm)	8.2" to 11" (210 to 280 mm)					8.8 lbs./lin. ft. (11.8 kg/m)

ADDITIONAL INFORMATION

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

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Customer Service

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For the most current product data and BEST-BACKEDSM warranty information,
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