

Mapejoint ST-L

Armored Construction Joint



PRODUCT FOR PROFESSIONAL USE

DESCRIPTION

Mapejoint™ *ST-L* armored joint for industrial concrete floors is part of a prefabricated, heavy-duty floor joint system designed to protect joint edges, while providing load transfer. It is typically used at construction joint locations. In addition to the regular *Mapejoint ST-L*, the available *Mapejoint ST-L Flex* is equipped with a sliding bottom profile that accommodates flooring thicknesses of between 5-1/2" and 11" (16 and 28 cm).

FEATURES AND BENEFITS

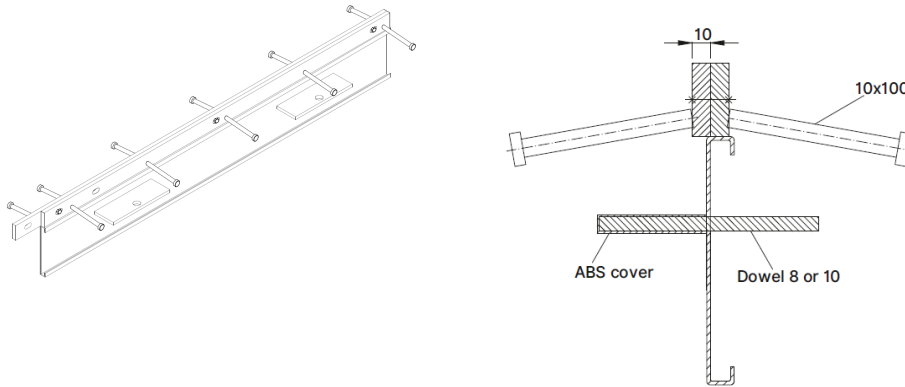
- Protects joints against impacts from wheel traffic
- Allows free horizontal movement of the floor portion, preventing vertical deflection
- Ensures a redistribution of loads along the armored construction joint body, preventing excessive localized stresses
- Composed of S235 steel for the upper armored joint edges and S355 steel for the remaining joint components
- Easy to install with no welding required

WHERE TO USE

- Suitable for industrial concrete floors and pavements

PRODUCT APPLICATION

For installation instructions, refer to a MAPEI sales representative.



ABS cover

Dowel 8

Ancillary intersection crossings are available upon request as universal connectors for *Mapejoint ST-L* joints: X adapters used for X intersections (4-way), and T adapters used for T intersections (3-way).

STORAGE

Store *Mapejoint ST-L* 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-L: 9 ft. 2-1/4" (2.8 m)

Product	Joint height	Slab thickness	Length	Profile thickness	Dowel plate size	Dowel spacing	Weight
<i>Mapejoint ST-L 8 125</i>	5" (125 mm)	5-1/2" to 6-1/4" (140 to 160 mm)	9 ft. 2-1/4" (2.8 m)	5/16" (8 mm)	7-1/8" x 4-3/4" x 5/16" (180 x 120 x 8 mm)	24" (600 mm)	7.5 lbs./lin. ft. (11.16 kg/m)
<i>Mapejoint ST-L 8 155</i>	6-1/8" (155 mm)	6-1/4" to 7-1/2" (160 to 185 mm)					7.82 lbs./lin. ft. (11.64 kg/m)
<i>Mapejoint ST-L 8 175</i>	6-7/8" (175 mm)	7-1/2" to 8" (185 to 205 mm)					8.03 lbs./lin. ft. (11.96 kg/m)
<i>Mapejoint ST-L 8 200</i>	8" (200 mm)	8-1/4" to 9" (210 to 230 mm)					8.31 lbs./lin. ft. (12.36 kg/m)
<i>Mapejoint ST-L 8 225</i>	9" (225 mm)	9-1/4" to 10" (235 to 255 mm)					8.58 lbs./lin. ft. (12.76 kg/m)
<i>Mapejoint ST-L 8 275</i>	11" (275 mm)	11-1/4" to 12" (285 to 305 mm)					9.11 lbs./lin. ft. (13.56 kg/m)
<i>Mapejoint ST-L Flex 8 130 to Mapejoint ST-L Flex 8 155</i>	5" to 6-7/8" (130 to 155 mm)	5-1/2" to 7-1/2" (140 to 185 mm)					7.82 lbs./lin. ft. (11.64 kg/m)
<i>Mapejoint ST-L Flex 8 150 to Mapejoint ST-L Flex 8 200</i>	6" to 8" (150 to 200 mm)	6-1/4" to 9" (160 to 230 mm)					8.31 lbs./lin. ft. (12.36 kg/m)
<i>Mapejoint ST-S Flex 8 200 to Mapejoint ST-L Flex 8 250</i>	7-1/8" to 10" (180 to 250 mm)	7-1/2" to 11" (190 to 280 mm)					8.85 lbs./lin. ft. (13.16 kg/m)

Adapters

	Joint height	X adapter weight per piece	T adapter weight per piece	L adapter weight per piece
<i>Mapejoint ST-L 8 125</i>	5" (125 mm)	14.66 lbs. (6.65 kg)	12.02 lbs. (5.45 kg)	8.11 lbs. (3.68 kg)
<i>Mapejoint ST-L 8 155</i>	6-1/8" (155 mm)	15.3 lbs. (6.94 kg)	12.5 lbs. (5.67 kg)	8.44 lbs. (3.83 kg)
<i>Mapejoint ST-L 8 175</i>	6-7/8" (175 mm)	15.72 lbs. (7.13 kg)	12.83 lbs. (5.82 kg)	8.67 lbs. (3.93 kg)
<i>Mapejoint ST-L 8 200</i>	8" (200 mm)	16.25 lbs. (7.37 kg)	13.23 lbs. (6 kg)	8.93 lbs. (4.05 kg)
<i>Mapejoint ST-L 8 225</i>	9" (225 mm)	16.78 lbs. (7.61 kg)	13.65 lbs. (6.19 kg)	9.22 lbs. (4.18 kg)
<i>Mapejoint ST-L 8 250</i>	10" (250 mm)	17.31 lbs. (7.85 kg)	14.04 lbs. (6.37 kg)	9.48 lbs. (4.3 kg)
<i>Mapejoint ST-L 8 275</i>	11" (275 mm)	17.83 lbs. (8.09 kg)	14.46 lbs. (6.56 kg)	9.97 lbs. (4.43 kg)



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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Concrete and heavy construction: 1-888-365-0614
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1-800-361-9309

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Edition Date: February 12, 2026 MK 09797 (25-2864)

For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
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