ARMORED JOINT · HIGH PERFORMANCE

pymanJoint® Plus SD50

pymanJoint® Plus is a high-performance armored joint with a smooth transition system for dynamic and static loads. This joint gives the concrete floor optimal technical characteristics, such as edge protection, effective load transfer and reduced impact caused by the passage of load-handling equipment.



2,600 mm	90–300 mm
JOINT LENGTH	JOINT HEIGHT

FUNCTION

- Edge protection
- Smooth transition between slab panels
- Effective load transfer
- Horizontal movement in the direction of slab shrinkage

ADVANTAGES

- Increased durability of the industrial floor
- Reduced maintenance work
- Reduced time and effort during the installation process
- Reduced impacts and vibrations along the joint

Engineering, Products and Expertise in Industrial Concrete Floors

PGA INTERNACIONAL
Credicorp Tower, Panama

+507 6253-0103 · +507 836 5929
info@pgainternacional.com · pgainternacional.com

SPECIFICATIONS

Technical characteristics

TOP PART	50×10 mm – EN 10277 S235JR (sinusoidal) Amplitude = 11 mm | Wavelength = 100 mm Also available in stainless steel and with galvanized treatment
CONNECTORS	10×100 mm
CONNECTION SYSTEM	Rivet – Aluminum Sleeve – Polypropylene
FORMWORK PROFILE	1.5/2 mm – EN 10130 DC01 | EN 10111 DD11
LOAD TRANSFER	150×120×6/8/10/12 mm (spaced at 520 mm) Information on load transfer capacity available on request
POCKET	Inner section 190×6/8/10/12 mm | Polypropylene
JOINT LENGTH	2,600 mm
JOINT HEIGHT	90–300 mm Other heights available according to customer specifications
ALIGNMENT	±0.5 mm over 600 mm
DIMENSIONAL TOLERANCES	Dimensions < 12 mm: ±0.5 mm
BOLT/NUT CONNECTION SYSTEM TOLERANCES	≤ 3.0 mm

Engineering, Products and Expertise in Industrial Concrete Floors

APPLICATION AND HANDLING

Area of use

pymanJoint® Plus is designed to meet the specific flatness (FF) and levelness (FL) requirements of industrial floors, and is recommended for all types of concrete surfaces, especially for areas subjected to heavy traffic such as logistics warehouses, factories, heavy industry, etc.

HYGIENE AND SAFETY

This product uses raw materials classified as non-hazardous (EEC). Do not dispose of waste in drains or leave it in the environment.

PACKAGING AND STORAGE

Units 2.6 meters long, packed on pallets. Keep in the original packaging, protected from moisture and in a dry place to prevent oxidation.

NOTE

The indications and recommendations in this technical data sheet are not absolute. Installation of this product by the installer must be preceded by tests to ensure that our product is suitable for its intended purpose. Any installation error will not imply any liability on our part.

Engineering, Products and Expertise in Industrial Concrete Floors