

HEARDgroup

Expansion Joint Systems



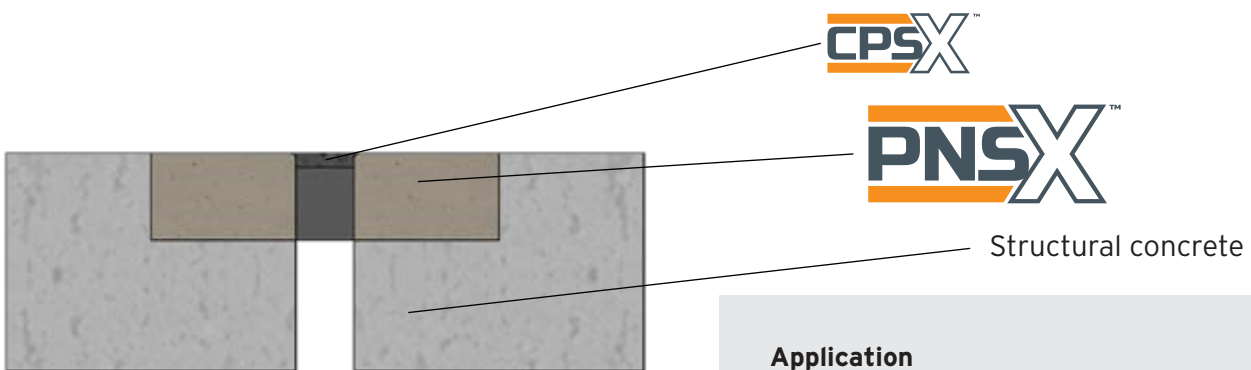
PNSXTM



PNSX™ Polymer Nosing System

Heard Group PNSX™ Polymer Nosing System is a trowel-able epoxy mortar with excellent chemical and abrasion resistance providing a dense, impervious surface. It has been designed and produced specifically for use as a concrete repair system and to create an epoxy nosing on the end of a concrete slab, to prevent the slab from spooling when traversed by heavy vehicles. Ideal for roadways and carparks and as a concrete joint nosing for bridge expansion joints. It can also be used to repair spooled or broken concrete. As an elastomeric product, it will remain bonded to concrete slabs, unlike a cementitious product that will debond with thermal movement.

Provided as a three piece kit made up of 1 part epoxy (Part A), 1 part hardener (Part B) and aggregate (Part C). Please refer to the Heard Group Polymer Nosing Installation Guide for step by step instructions on how to correctly mix and install the product. Or alternately view our step by step directional video provided upon request.



PHYSICAL PROPERTIES	
Solids	100% by volume
Pot life	@ 20° - 40 minutes @ 30° - 30 minutes
Cure time	@ 20° - Tack free - 3 hours Full cure - 7 days Note: Will not cure below 10° C
Compressive strength	95 mPa ASTM D 695
Tensile strength	32 mPa ASTM D 638-82A
Flexural strength	50 mPa ASTM D790-10
Adhesion strength	1100 kPa ASTM D4541

Application

- Apply to new and existing concrete floors as a protective topping
- Repair of spooled concrete
- Mortar for general construction
- Bedding of expansion joint system
- Concrete joint nosing for bridge joints

Features

- High abrasion resistance
- Excellent bond strength to concrete and steel
- Impervious surface that is easily cleaned
- Waterproof

Chemical Resistance

- Good resistance to alkalis and dilute acids, alcohol, petrol, xylol, mineral and vegetable oil and salt water.

Mix Ratio

By volume - 1 Part A: 1 Part B: then add Part C aggregate (27kg aggregate).

Supply

1 unit size yields 13L



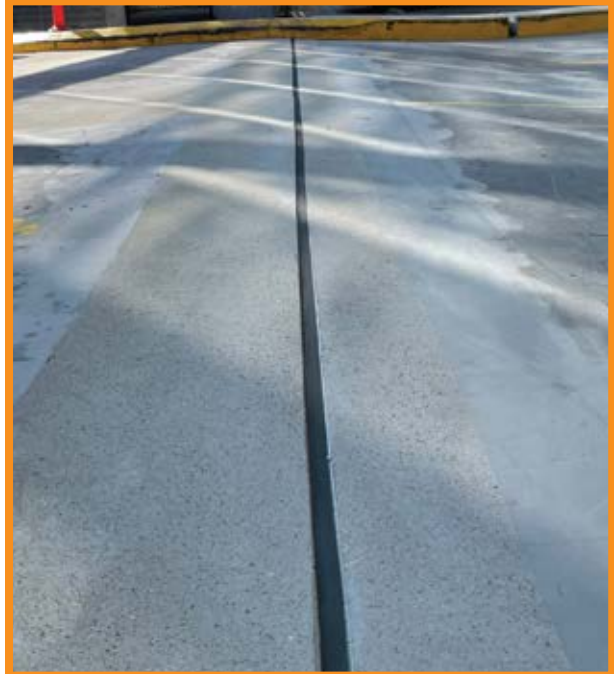
Tested pursuant to Australian Standards by laboratory certified by the National Association of Testing Authorities.



Installation of PNSX™ at Westfield Carindale to repair spooled concrete and expansion joint rebate. The CPSX™ carpark expansion joint system has also been installed (see the CPSX™ data sheet for further information about this product).



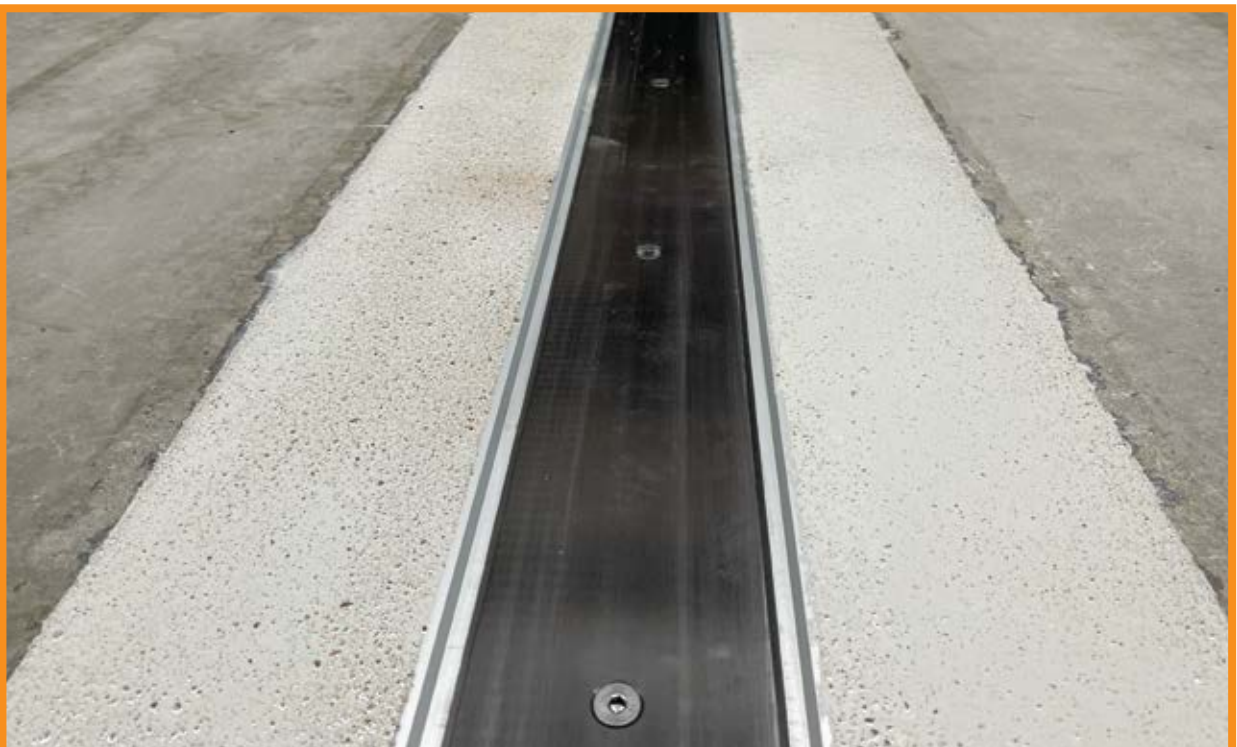
Installation of PNSX™ to truck loading bay at Gold Coast Convention and Exhibition Centre.



Installation of PNSX™ to car park ramp at Pacific Fair Shopping Centre to repair spooled and broken concrete. CPSX™ was also installed.



Installation of PNSX™ at Home of the Arts, Gold Coast to repair damage to new polished concrete floor during construction.



Installation of PNSX™ at Ikea Logan to bed Heard Group Heavy Duty Floor Expansion Joint (see data sheet for further information about this product).