

HEARDgroup
EXPANSION JOINT SYSTEMS

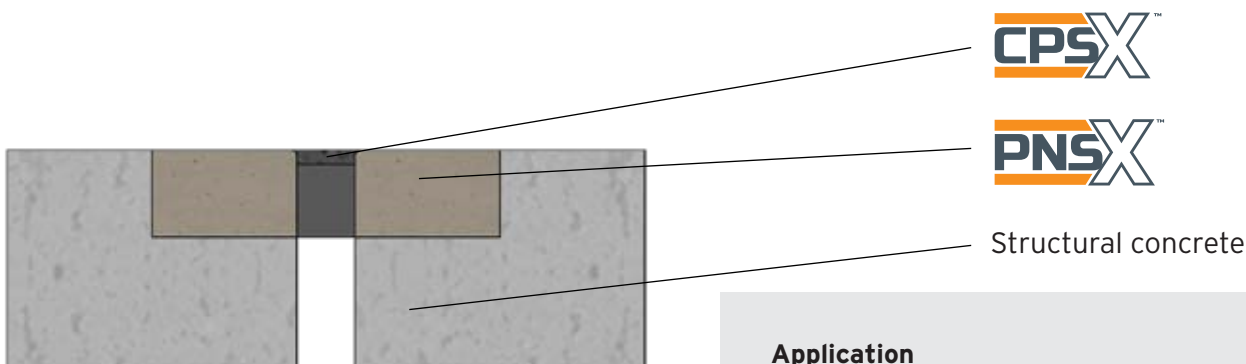
PNSXTM



**PNSXTM Polymer
Nosing System**

Heard Group PNSX™ Polymer Nosing System is a trowelable 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 at www.heardgroup.com.au.



PNSX™ POLYMER NOSING

PHYSICAL PROPERTIES	
Mixing ratio	5:1 by volume
Pot life	@ 20° - 30 minutes @ 30° - 20 minutes
Trafficable cure time	@ 10° - 12 hours @ 20° - 4 hours @ 30° - 2 hours @ 40° - 1.5 hours
Compressive Strength (cured)*	37mpa
Tensile Strength	17mpa

*Based on 2023 NATA Test Results



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

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

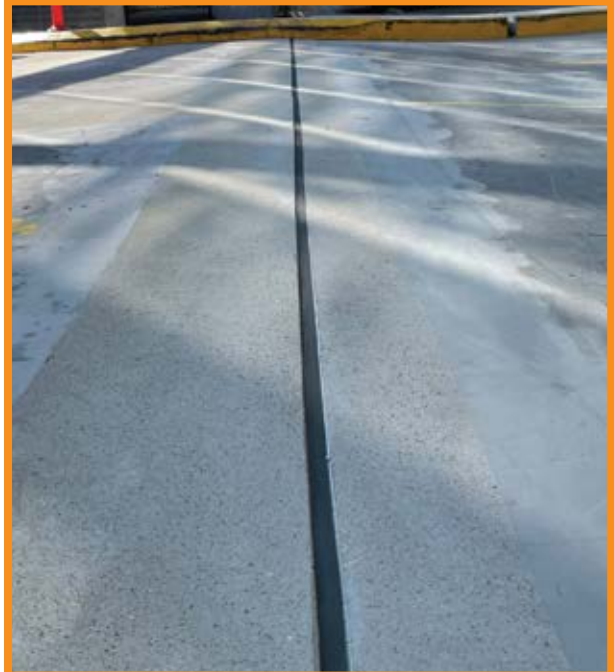
1 unit size yields 13L



Installation of PNSX™ at Westfield Carindale to repair spalled 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).



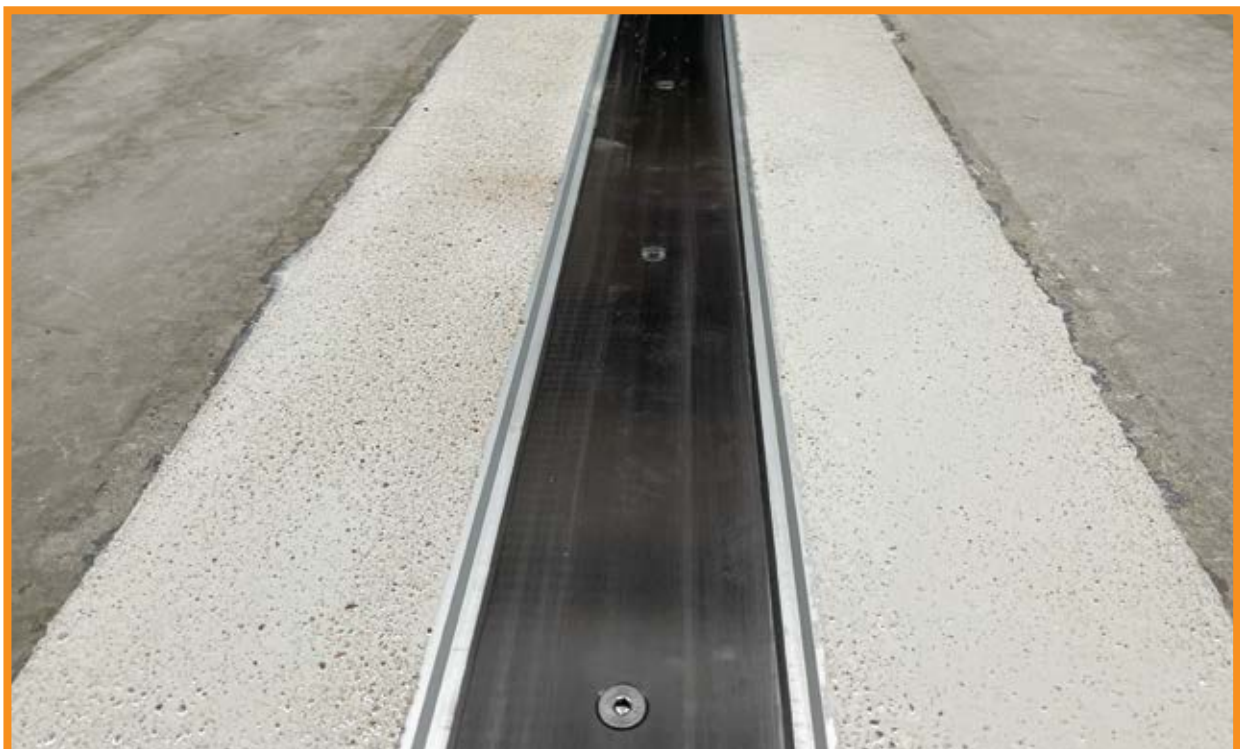
Installation of PNSX™ to truck loading bay at Gold Coast Convention and Exhibition Centre.



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).

HEARDgroup

EXPANSION JOINT SYSTEMS

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DESIGN



MANUFACTURE



INSTALL