

# WHS-X-SEAL25 & WHS-X-BIND

## Overview

WHS-X-SEAL25 is a dustfree, flexible cementitious adhesive. WHS-X-SEAL25 mixed with WHS-X-BIND is used to adhere the Total-16 boards to the subfloor when you intend to have a tile floor finish or a vinyl floor finish in a wet area. To be used in situations where rising damp is an issue.

WHS-X-SEAL25 MUST also be used to adhere tiles to the primed Total-16 boards.

WHS-X-BIND is an additive for WHS-X-SEAL-25 to improve flexibility, bond strength, moisture resistance and increase elasticity.

### WHS-X-SEAL25



20kg pack of Seal Adhesive

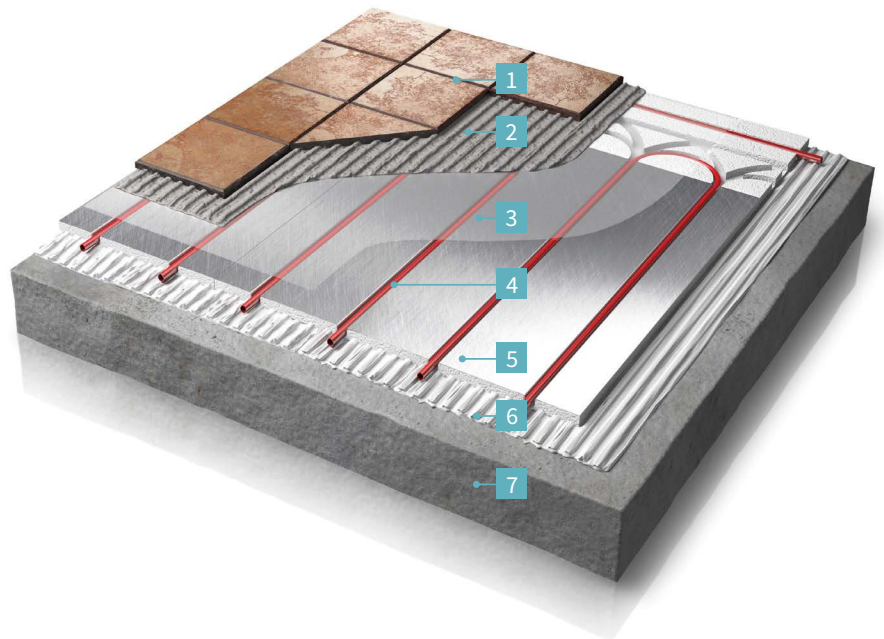
### WHS-X-BIND



5 litres of Fix Binder

## FLOOR CONSTRUCTION

- 1 Ceramic tiles/stone  
(for residential areas)
- 2 Warmup adhesive  
(WHS-X-SEAL25)\*
- 3 Warmup primer  
(WHS-X-PRIMER)\*
- 4 Warmup PEX-A 12mm pipe
- 5 Warmup Total-16 includes:
  - Pre-installed aluminium diffusion plates
  - Insulation (0.034 W/m K @10°C)
- 6 Warmup Glue
- 7 Subfloor



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# Features

## WHS-X-SEAL25

- Flexible, dustfree adhesive
- 2 hour working time once mixed with water

## WHS-X-BIND

- Improves bond strength of WHS-X-SEAL25
- Improves moisture resistance

# Technical Specifications

WHS-X-SEAL25 - TECHNICAL SPECIFICATIONS	
Composition:	Polymer-cement-lightfiller Quartz-based powder
Max. particle size:	0.5 mm
Mixing ratio:	5.8 - 6.2 L water per 20 kg WHS-X-SEAL25
Coverage (approx):	3.5 kg/m <sup>2</sup> @ 9 mm toothing 5 kg/m <sup>2</sup> @ 15 mm toothing
Initial tensile adhesion strength (28 d):	≥ 1.0 MPa (EN 1348)
Tensile adhesion strength after water immersion:	≥ 1.0 MPa (EN 1348)
Tensile adhesion strength after heat ageing:	≥ 1.0 MPa (EN 1348)
Tensile adhesion strength after freeze-thaw cycles:	≥ 1.0 MPa (EN 1348)
Open time (20 mins):	≥ 0.5 MPa (EN 1346)
Open time (30 mins):	≥ 0.5 MPa (EN 1346)
Deformation properties:	≥ 2.5 mm (EN 12002)
Deformation with WHS-X-BIND added:	≥ 5.0 mm (EN 12002)
Fire rating:	E
Working time once water added:	2 hours
Jointing on porous subfloor (approx):	16 hours after tiling
Jointing on non-porous subfloor (approx):	48 hours after tiling
Storage no less than 1 °c and 40 °c (unopened):	12 months
Recomended room and subfloor temperture during install:	18 °c - 20 °c
Recommended humidity of subfloor:	Concrete < 90% RH

WHS-X-BIND - TECHNICAL SPECIFICATIONS	
Composition:	Polymer dispersion
Thinner:	Water
Specific gravity:	1.0
Combustion hazard:	Non-flammable
Freeze/thaw stability:	Not-stable (frost resistant after drying)
Min. application temperture:	10 °c
Mixing ratio when using WHS-X-SEAL25 (20 kg):	5 L WHS-X-BIND 2 L water (approx)
Storage no less than 1 °c and 40 °c (unopened):	12 months