

Technical Data Sheet



**Havard Epoxy
Systems**

OCO 300-RT

High Viscosity Concrete Epoxy
For Reference Only

Date: January 3, 2018 **Revision:** 001.1

Recommended Cure: >21°C / 24 hours

Components: Two
Mix Ratio by weight: 4.5: 1
Specific Gravity: 1.30 : 0.98
Pot Life: 1-2 hours
Shelf Life: 1 year

Keep containers tightly closed during storage. Store in cool dry conditions.

Physical Properties

Color:	Part A: Gray, Opaque	Part B: Slight yellow, translucent
Consistency:	Pourable Liquid	
Viscosity (25°C):	121000cP	
Shore D Hardness:	84	

Uses and Application Notes:

Uses:

Concrete: Used to bond fresh concrete to hardened concrete or hardened concrete to hardened concrete. Can be used to adjoin surfaces of concrete or repair gaps and cracks from broken pieces.

Metal: Used to bond metal plates, bolts, anchors or rebar into concrete. Can be used to bond stair rails and other structural components into existing concrete.

Patching: Used to repair surface sections of broken concrete.

Non-skid surface: Used to form a non-skid surface when sand is incorporated into the epoxy layer.

Application Notes:

- Ensure that sample is thoroughly mixed to ensure proper curing of the epoxy. Components can separate. The epoxy should be stored at (60-80°F) for 24 hours before use.
- Temperature of the concrete must be at 16°C (60°F) or above for curing for at least a 24 hour period.
- Concrete and/or metals should be mechanically roughened and clean of dust, oil, rust, paint to ensure proper bonding. The epoxy should be wet or tacky when joining pieces together, otherwise a bond will not be formed. If pieces require clamping, only a light pressure is required to keep pieces together.
- When installing bolts and anchors, the hole diameter should be ¼" larger than the bolt diameter and 10-15 times deeper than the diameter. Fill the clean dust free hole about 2/3rds with epoxy, insert the bolt and top off with epoxy to finish.
- When used as a non-skid surface, sand or other abrasive material can be applied to the wet epoxy and embedded with a mohair roller.
- Clean tools and equipment immediately with toluene or xylene. Clean equipment away from all ignition sources and avoid breathing vapors or allowing epoxy-containing solvent to contact skin. Should this material come in contact with the skin, wash thoroughly with soap and water, not solvent.

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