CONCRETE STATIC CRACK REPAIR DETAIL

STATIC (NON-MOVING) CONCRETE CRACK REPAIR – RIGID COMPOUND

This detail illustrates a typical method for repairing cracks in concrete surfaces to restore appearance and help protect against moisture and further deterioration while maintaining static control performance.

APPLICABLE STANDARDS & REFERENCES

- ACI 562 – Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures
- ICRI 310.2R – Guide for Concrete Surface Profile (CSP)
- ICRI 310.1R – Guide for Preparation of Concrete Surfaces for Repair Using ICRI Methods
- Manufacturer's written installation instructions

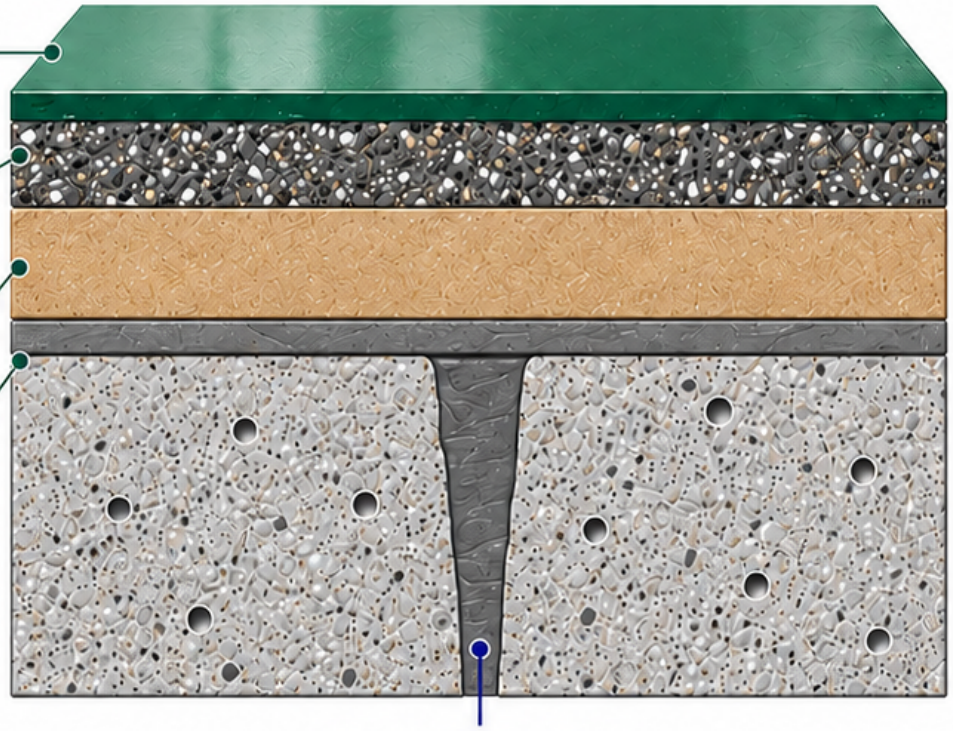
COATING SYSTEM (TYPICAL)

TOPCOAT
Wear surface for protection and durability.

BROADCAST AGGREGATE (IF SPECIFIED)
Adds dimensional stability and provides slip resistance (when required).

BASECOAT
Adds thickness and strength.

PRIMER
Promotes adhesion to prepared concrete.



STATIC CRACK REPAIR
Crack filled with rigid repair material.
Grind flush with surface.

NOTES

- Saw cut or rout crack to a minimum 1/4" wide and minimum 1/4" deep.
- Remove all loose, unsound, and deteriorated material.
- Clean crack with compressed air to remove dust, debris, and contaminants.
- Fill crack with rigid compound as recommended by manufacturer.
- Grind flush with surface.
- Apply coating system after repair and appropriate cure time.
- Do not bridge structural or expansion joints.

Floorguard Products	CONCRETE STATIC CRACK REPAIR DETAIL STATIC (NON-MOVING) CONCRETE CRACK REPAIR – RIGID COMPOUND NOT TO SCALE	ISSUE DATE 05/2025	REVISION 0	DESCRIPTION FOR ARCHITECTURAL / SPECIFICATION USE