

Integral Cove Base Detail

Seamless hand-troweled floor-to-wall transition

System overview

A hand-troweled radius cove built from the same resin system as the floor and top-coated with it, so the floor turns up the wall as one continuous, cleanable surface. It replaces the caulked joints and glued vinyl cove base that trap water, harbor pests, and fail inspections - the floor-wall joint simply no longer exists.

Typical system build-up

Layer	Description
Preparation	Wall line ground and keyed; termination cut at top of cove for a crisp straight edge
Cove body	Hand-troweled resin mortar radius, typically 4–6 in high (taller where specified)
Finish	Coated together with the floor system - same color, texture, and chemical resistance

Typical applications

- Commercial kitchens, dish pits, and food plants
- Kennels, grooming rooms, and veterinary spaces
- Locker rooms, restrooms, showers, and wash bays
- Any wall line that takes a hose or a mop daily

Surface preparation

Cove is installed as part of the floor system, not an accessory: the wall line is mechanically prepared and keyed, the radius is troweled by hand, and the floor's own top coat seals both as one skin.

Project notes

- Quoted as part of the floor system at the same walkthrough.
- Installed on working facilities including fire station apparatus bays and a pet care facility - wall lines that take water and traffic every day.

Final system selection, thicknesses, and products are specified per project from the manufacturer's current technical data sheets after a site walkthrough and slab moisture readings. This sheet is a general guide, not a quotation or engineering document.

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