How We Pour: The True Grade Spec

True Grade Concrete & Construction · (567) 298-3296 · truegradeohio@gmail.com · https://truegradeohio.com/how-we-pour/ · Rev. 2026-11-22

Driveway thickness	5 inches
Apron thickness	6 inches
Patio and walkway thickness	4 inches
Garage floor thickness	4 inches (5 inches at the door)
Concrete strength	4,000 psi, air-entrained, 5–7% air entrainment
Base	4 inches of compacted #57 limestone (6 inches over clay or fill)
Reinforcement	fiber mesh in every pour; #4 rebar at aprons, garage thresholds, and steps
Control joints	control joints at 10 feet on 4-inch slabs, 12 feet on 5-inch slabs, cut the day of the pour, depth one-quarter of slab thickness
Expansion joints	half-inch expansion joint at every house wall, garage slab, and existing concrete
Drainage pitch	minimum 1/8 inch per foot away from the house; 1/4 inch per foot where the lot allows
Finish	medium broom finish for traction; stamped work gets color hardener, release, and a non-slip sealer
Cure schedule	walk on it at 24–48 hours, drive on it at 7 days, full strength at 28 days
Sealing	penetrating silane/siloxane sealer at 28 days, resealed every 2–3 years
Weather limits	no pours below 40°F without blankets and accelerator; no pours on frozen subgrade; no pours in rain

The job, step by step

1. **Site Visit And Written Quote.** We measure, check where water goes now, look at the apron and city sidewalk, and send a written quote within 48 hours.

2. **Tear-Out And Base.** Old concrete out, subgrade cut to depth, compacted stone base set to the finished grade.

3. **Forms And String Line.** Forms set to the slope we agreed on, checked twice with a string line and level before we order concrete.

4. **Pour And Finish.** Air-entrained 4,000 psi mix, fiber reinforcement, broom finish, control joints cut the same day.

5. **Cure And Walk-Through.** We walk the finished slab with you, explain the cure timeline, and come back if anything is not right.

The Come-Back Guarantee (one year). Covers grading and drainage, settling, surface defects, and cracks that open past 1/8 inch or displace. Excludes hairline cracks that do not displace, salt damage in the first winter, and damage by others. To use it: call or text (567) 298-3296, or email truegradeohio@gmail.com. We come out within 7 days, agree on the fix with you, and schedule it. No fee, no argument.

Hand this sheet to any contractor you are comparing and ask them to match it line for line. Numbers follow ACI 330 for residential concrete pavements and the City of Mentor driveway standard, stricter of the two where they differ.