

Water Infiltration Checklist

OUTSIDE

Eavestroughs & Downspouts

- Clean leaves and debris from inside the trough and downspouts.
- Tighten elbows and other connections.
- Caulk and seal any leaks.
- Repair or replace sagging, badly dented or cracked sections.

Extensions & Splash Pads

- Ensure extensions and splash pad reach at least 1.2 m from the foundation.
- Reconnect any loose pads or extensions.
- Use concrete blocks for further extension reach.
- Check soft plastic, roll out extensions for leaks and to determine if they work properly.

Lot Grading

- Check the slope from the basement well, it should be a 10% grade within 1.2 m (5 ft.) from the foundations and the remaining property should drain at a minimum 2% grade to the front or back of the lot.
- Check for settling, particularly under stairs and decks.
- Raise any low spots by filling with clay, add a layer of topsoil, if planting will be done.
- Look for cracks or spaces on driveways, sidewalks and patios that are next to the foundation wall. Caulk or waterproof where needed.

Rain Barrels

- Install rain barrels at least 1.2 m (5 ft.) from the house foundation, OR
- If installed by house foundation, install a downspout diverter to divert excess rain water.
- Install an adequate overflow hose that drains at least 1.2 m (5 ft.) from the foundation

INSIDE

Foundation Walls

- Check for moisture along the walls and the floor.
- Fill and seal any visible cracks.

Sump Pumps

- Check for power.
- Test the pump by pouring water into the pump well.
- Check the outside pump to confirm water flow is directed at least 1.2 (5 ft.) from the foundation. This may not apply as some sump pumps are connected to the sanitary sewer line.
- Check and repair any leaks in the sump pump line.

Backwater Valve

- Open the top and clean out any debris.
- Check the flapper. Make sure it is moving freely.

