

DURA-MIX®

ARMCA GARAGE SLAB PROGRAM

TECHNICAL BULLETIN FOR HOME BUILDERS

In 1987 the Alberta Ready Mixed Concrete Association introduced a very successful program called DURA-MIX for Driveways and Exterior Flatwork to the residential market. ARMCA now recommends the use of DURA-MIX for garage slabs to help reduce the scaling of garage floors, which has been a concern for the home builders, finishers, concrete suppliers and home owners.

WHAT IS DURA-MIX?

In order to achieve a durable garage slab, the use of DURA-MIX is recommended as good construction practice. DURA-MIX assures you to have the following minimum standards:

Minimum Cement Content	300 kg per cubic metre
Water/Cement Ratio	0.45
Air Content	5-8%
Slump	80 mm

WHY DO WE RECOMMEND DURA-MIX?

Garage floors are exposed to the same service conditions as driveways, therefore it is good construction practice for the home builders and finishers, and makes good financial sense for the home owner to use DURA-MIX. Your local ARMCA member concrete supplier is well equipped to provide DURA-MIX to your job site.

The use of DURA-MIX for garage slabs prevents the use of smooth steel trowelled finishes. A **broom finish** is the recommended finish for air entrained concrete. **DURA-MIX cannot be steel trowelled.** The use of a steel trowel destroys the air void structure of your concrete surface and defeats the purpose of the air entrainment for durability. Air is required for freeze-thaw cycles and for durability.

WHAT ARE THE LASTING BENEFITS?

The Alberta Building Codes minimum requirement is 25mPa and 5-8% air for garage slabs. Due to the superior durability and specified cement content, DURA-MIX has proven itself in reducing scaling, which will reduce callbacks and bring you more satisfied customers.

Recommend DURA-MIX for garage slabs when your customers place their orders.



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