

Other Materials

Stone dust (limestone or marble): try local quarries. Limestone (dolomite) is also sold in gardening-related places because it is used to treat acidic soil. Marble dust is sometimes sold as "swimming pool aggregate," so try swimming pool suppliers or contractors.

Latex or Acrylic Additive

Latex additive is usually available in four-litre or one-gallon containers, from masonry suppliers or construction supply outlets (such as contractor equipment rentals). It looks like milk and has the consistency of cream. One brand is Concentrated Latex Adhesive made by Construction Product Distribution Services, 219 Connie Cres., Unit 13, Concord, Ontario L4K 1L4, Canada 905-669-5013.

Some building suppliers and masonry suppliers have acrylic admixture, either as a pure liquid or mixed with latex. Sometimes it is described as a concrete bonding agent. One brand is Homecrete Acrylic Cement Bond, from Home Hardware in Canada. Also try Butler's Crafts Supplies ([LINKS](#)).

Fibres

Plastic

Polypropylene fibres (e.g. brand names Fibermesh® or Fiber Ad®) can be difficult to find in small quantities. Try your local ready-mix concrete supplier and ask if they will sell you a bag. It's usually supplied in 1 lb. bags, enough for a cubic yard of concrete. The fibres are about 1 cm (1/2") long. Sometimes it's called "micromesh." Fibermesh® is in Tennessee at 800-635-2308, 423-892-8080. Fiber Ad® is in Charlotte, North Carolina, at 704-398-0954 ([LINKS](#)).

Nylon fibres: try Nycon, Inc., 101 Cross Street, Westerly, RI, 401-596-3955, 800-456-9266 ([LINKS](#)).

Glass Fibres

A reinforcing additive, they must be alkali resistant, usually written as "AR." The chopped strands are probably the most useful. In North America the chopped strands and chopped strand mat is available from Ball Consulting, Ambridge, PA, 800-225-2673, 724-266-1502, fax 724-266-1504 or their branch in Tempe, AZ ([LINKS](#)).

Mesh

Hardware cloth, expanded galvanized mesh and chicken wire can usually be found at lumber stores, masonry suppliers or hardware stores. The expanded galvanized mesh is used as a base for exterior stucco on houses and sometimes called stucco lath. For the wire to hold it together, ask for binding wire, stovepipe wire or galvanized wire, usually available at hardware stores.

Steel

Thin steel rod for reinforcing can be found at local steel suppliers. Rebar made specifically for concrete construction can be found at lumber or construction supplies outlets. The most common