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READY-MIX CONCRETE

At Anchorage Sand & Gravel, a leader in our industry since 1938, we are committed to being part of the green building effort. This means we're not just committed to making better products – we're dedicated to increasing the product options for those interested in implementing sustainable building practices. We have worked hard on this initiative and are proud to offer ready-mix concrete product lines, which offer the ability to contribute to the LEED® Green Building Certification System.

CONSTRUCTION WASTE - MR Credit 2.1, 2.2

For renovation of existing buildings, demolished concrete can also be recycled. If a building is going to be deconstructed, the concrete in the building could be reused as base aggregate and potentially concrete aggregates. This can also assist in achieving points as the dollar value of reused materials is totaled.

RECYCLED CONTENT - MR Credit 4.1, 4.2

(Pre-Consumer / Post-Consumer)

Items such as Fly Ash, Slag, Silica Fume, and Recycled Concrete Aggregate (RCA) are recycled materials that would otherwise be discarded. The amount of these materials used within a product, such as concrete, contributes to the total recycled materials content of the building and therefore more points may be available.

AS&G's LEED concrete mix designs LEED 1 – LEED 5, 8 and 9 contain 20% Recycled Concrete Aggregate (RCA) by weight. LEED 6 – LEED 7 contain 20% RCA and 20% Fly Ash by weight. Anchorage Sand & Gravel can supply the appropriate documentation needed for your LEED submittal packet.

AS&G Concrete Mix Designs:

LEED 1: 4000 PSI **20% RCA** MRWR .50 W/C 6" SLUMP

LEED 2: 4000 PSI **20% RCA** MRWR .50 W/C 6" SLUMP "AIR"

LEED 3: 4500 PSI **20% RCA** MRWR .45 W/C 6" SLUMP "AIR"

LEED 4: 4500 PSI **20% RCA** MRWR .45 W/C 6" SLUMP

LEED 5: "SCC" 7000 PSI **20% RCA** TYPE III - H.E. VMAHR .45 W/C "AIR" (**Self Consolidating Concrete**)

LEED 6: 4500 PSI **20% RCA 20% Fly Ash** MRWR .45 W/C 6" SLUMP "AIR"

LEED 7: 4500 PSI **20% RCA 20% Fly Ash** MRWR .45 W/C 6" SLUMP

LEED 8: 4000 PSI SIDEWALK / CURB & GUTTER **20% RCA** LRWR .50 W/C 4" SLUMP "AIR"

LEED 9: 4000 PSI SLIP-FORM CURB & GUTTER **20% RCA** VMALR .45 W/C 1" SLUMP "AIR"

Note: Recycled content varies by color for some products due to the recycled content of the material components utilized.

***"Please specify any of the following
LEED concrete mix designs".***

REGIONAL MATERIALS - MR Credit 5.1, 5.2

LEED NC Requirement: Use building products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for minimum of 10% or 20% (based on cost) of the total materials value. If only a fraction of the product is extracted, harvested or recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

LEED CI Requirement: Use a minimum of 20% of the combined value of all construction materials and products that are manufactured regionally within a radius of 500 miles. An additional LEED Credit point can be earned if you use a minimum of 10% of combined value of products extracted, harvested, recovered, or manufactured within 500 miles.

LEED Ready-Mixed Concrete Contribution:

Eighty Five percent (**85%**) by total weight of the LEED concrete mix designs have been extracted and manufactured within a 500-mile radius from all of our plants. MR Credit 5.1, 5.2 LEED NC and MR Credit 5.2 for LEED CI. This is dependent upon the plant location where the product is produced.