



# AC - 60

LEVEL 1

LEVEL 2

LEVEL 3

LEVEL 4

## PRODUCT FEATURES

- Enhances performance & durability
- Provides secondary reinforcement
- Eliminates plastic shrinkage cracking up to 100%
- Alkali resistant & non-corrosive
- Insoluble in water
- No fiber protrusion = easy finishing
- High impact resistance
- Chemical & physical bond with concrete paste

## APPLICATIONS

- Slab-on-grade
- Precast concrete
- Shot-crete
- Stucco
- Decorative
- Other specialty concrete applications

## BENEFITS

AC60 fiber added to concrete chemically locks in the fresh concrete matrix, controlling plastic shrinkage. AC60 provides secondary reinforcement which helps eliminate crack formation that causes permanent weakening of the resultant concrete. With AC60, concrete is less permeable, has a smooth surface, is highly impact resistant and improves your Bottom Line.

## MIXING

Follow ASTM C-94 guidelines. AC 60 can be added directly to the mix at the jobsite or during batching of ingredients, but not as the first ingredient and should be mixed for a minimum of 5 minutes at full mixing speed.

## PACKAGING

32 bags/carton  
36 cartons/pallet  
Truckloads available

## DOSAGE RATES

For general applications such as slab-on-grade, a standard dosage of (1) bag/yd<sup>3</sup> is recommended. Other fibers require higher dosage rates to achieve similar performance. For other applications, consult with your ICF representative for recommended dosages.

## FINISHING

There is NO surface protrusion when using AC60. AC60 can be pumped or placed using conventional equipment and AC60 can be used with all finishing techniques including power and hand troweling, broom finished and colored concrete.

## PHYSICAL PROPERTIES

Material	Modified Acrylic
Specific gravity (g/m <sup>3</sup> )	1.17
Elastic Modulus (Gpa)	>10.5
Tenacity (Mpa)	>650
Decomposition Temp	330° C/ 626° F
Acid & Alkali Resistance	Excellent
Color	Off-White
Dispersity Rate	Excellent
Filament Diameter (μ)	10-15
Fiber Count (fiber/kg) approx.	794,000,000
Fiber Length inch (mm)	¼" (6mm) (other lengths available)

## QUESTIONS? CONTACT US!

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