

Product Data Sheet

ACC 101 Quick Patch Repair Polymer & Polymer Modified Concrete

Product Description- *Advacoat ACC 101* is a specially formulated polymer rapid repair product. In its basic low viscosity formulation **ACC 101** will penetrate concrete substrates. In its highly aggregate loaded high viscosity configuration **ACC 101** will act as a repair mortar and parging compound that will hide bugholes in concrete substrates and promote the adhesion of polyurea coatings.

Uses- **ACC 101** may be used with all *Advacoat* rapid curing products and polyaspartic coating systems. This is designed for use in both interior and exterior concrete repair or parging situations.

Ideal for Applications-

- Repairing spalls and cracks in traffic areas
- Restoring integrity to dusted concrete
- Repairing bugholes in concrete
- Used as a parging compound to smooth concrete and masonry surfaces
- Bridge deck repairs
- Parking deck repairs
- Below grade repairs
- Spalled control joints
- Freezer applications

Advantages-

- Ultra low viscosity configuration will penetrate concrete for permanent bond.
- May be bulk mixed for large area repairs.
- Cures in 15 minutes for quick open to traffic.
- Will cure to Zero (0)° F. Cure time will be extended at lower temperatures.
- Mixed with industrial quartz sand will make a durable polymer concrete.
- May be mixed with silica flour fumed silica and cabosil,
- Good chemical resistance.
- Minimum surface preparation required.
- Self-leveling in thinner viscosities.
- Will not shrink.

Physical Properties-

Cured Material		
Color		Gray
Solids Content, %		89
Elongation		6%
Shor D Hardness	ASTM D2240	71
Tensile Strength, psi	ASTM D638	4,500
Compressive Strength, neat	ASTM D638	3,800
Compressive Strength, sand filled	ASTM D695	4,450
Shrinkage	ASTM D695	None
Exudation		None
Bond Strength, psi, concrete		1200
Viscosity, cps, neat, 77° F		25
VOC, g/l	ASTM D4541	2.3
Pot Life @ 77° F		5 min
Tack Free @ 77° F		15 min
Final Cure @ 77° F		20 min

Surface Preparations- Provide clean concrete surface.

When restoring surface integrity to dusted concrete, remove loose surface material.

Packaging-

- Two Gallon Kit: 1 gallon can of 'A' side and 1 gallon can of 'B' side.

Mixing- ACC 101 is a two component product.

- When mixing bulk material mix individual sides prior to combining "A" side into "B" side.
- When loading aggregate for non-sag vertical and overhead work mix only enough material so that complete mixing operation will be complete with five minutes after side "A" is combined with Side "B". Quickly mix three components to assure a smooth, homogeneous blend.
- May be spray applied through plural component equipment. Use proper respirators.

Shelf Life- One year, in original, unopened factory containers, under normal storage conditions of 55°F to 95°F.

Application Recommendations-

- Prime crack areas and damaged control joints with **ACC 101** material prior to repair.
- For use as a non-skid texture coat, fill area with aggregate and flood with **ACC 101** material. Broadcast additional aggregate onto flood coat until areas is completely dry. Broom off excess aggregate after **ACC 101** has taken initial cure.

Safety- Not R.C.R.A. or DOT regulated. Read Material Safety Data Sheet before using. Seal container tightly after use to prevent introduction of moisture laden air.

Technical Services-Sales and Customer Support 877-830-2628

Warranty- *Advacoat.* Will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.