



"The magic without the wand"

ADVANCED PEBBLE SOLUTIONS EXPOSURE SYSTEM

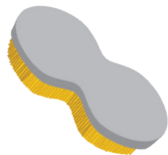
Supplies, Materials and Recommendations
FOR USE WITH UNIVERSAL CEMENT PRODUCTS

To get the results you want, make sure you speak to your advisor about getting training and support!

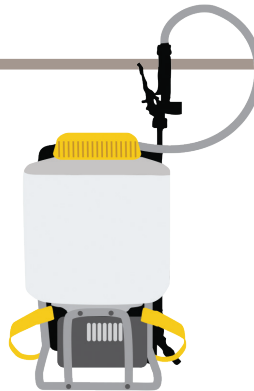
SUPPLIES



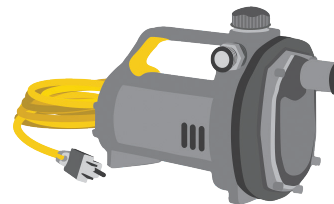
Power washer - With a 40° tip, preferably 7.5 volume



Soft bristle brushes (recommended) - Have medium and hard bristle brushes on hand for stubborn areas



Backpack sprayer - 4 gallons to 4 1/2 gallons either pump or electric and paint screen for screening release into sprayer



Pump - Slurry pump



Slurry pit, slurry bag or tote - Slurry pit, Slurry bag, Available @ Universal Cement

MATERIALS STARTER KIT: 3 buckets Exposure Control (3 brown **OR** 3 blue), 1 bucket pump aid, 1 bucket hose primer.

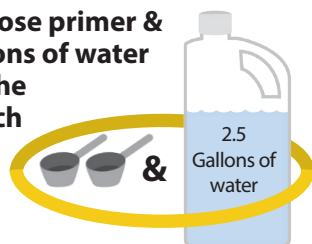
Hose Primer

Needed prior to pumping material.



1 Bucket= 40 batches

2 cups hose primer & 2.5 Gallons of water before the first batch only



Pump Aid

Comes in 3 different types.



Buckets - 1-2 scoops per batch



If you are using Universal Cement:
USE 1 SCOOP ONLY

1 bucket= 50 batches



Liquid - 32 oz per batch - 20 batches per bucket



Liquid Exposure Solutions (2 formulas):

Exposure Solutions have an average coverage of 900-1200 IA per bucket.

Blue – Advanced Quartz & Sparkle Quartz



5-gallon buckets



Brown – Pebble, Micro Fusion, Radiant Fusion, Pebble Base, Blue Star



5-gallon buckets

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UNIVERSAL WHITE CEMENT Premixed Aggregate Materials

Advance Quartz Series & Finest Finish Sparkle Quartz Series

This material has everything in the bag needed for the new APS exposure.



- 12 bags per batch + pigment
- **No hose primer needed.*
- **No pump aid needed.*
- Utilize BLUE Quartz Exposure.
- Brush washing is preferred with this formula to avoid over power washing.



Do not add additional cement.

Finest Finish Blue Star Series, Micro Fusion Series, Radiant Fusion & Pebble Base Series



- 12 bags per batch + pigment.
- 4 bags of rock (150-200 lbs.) or other aggregate (glass, quartz, etc.) for a more compact finish
- Pump Aid (one bag, one scoop or 32 oz. of liquid)
- Utilize BROWN pebble exposure.
- Finish can be brushed washed, or power washed.



Do not add additional cement.

Component (Jobsite) Mixes (Non-Pre-Blend)

For component mixes the ratio will be as follows:

Per Batch:

- Six (6)- 90lb bags of cement
- 850 to 900 pounds of aggregate
- Aggregates can include a combination of pebble, quartz, glass etc. - follow timing instructions for the specific aggregate ratio in the 850-900 pounds per batch.
- Pump Aid (one bag, one scoop or 32 oz. of liquid)

***Brown (Pebble) or Blue (Quartz) Exposure control needed for exposure.**



RECOMMENDATIONS

Calcium - Should be used in minimal amounts. Too much will determine the outcome of this process. Temperature is always the factor.

Temperature & Timing - is the key-on this APS process, temperature, calcium, sun, shade, humidity etc. all factors that need to be considered for timing of the exposure release.

Mixing - needs to be as recommended, altering formulations will compromise end result.

DO NOT USE on plaster/crushed marble finishes.

IF it is not a Finest Finish/ UWC pre-mix material with cement in it, 2 scoops of the pump aid are needed along with hose primer.

DO - make sure to shake/mix your buckets of Liquid Exposure Control.