THE ART
OF
ACRYLIC SURFACE REPAIR
COSMETIC DAMAGE
NORMALLY STRESS RELATED

FIBERGLASS

ACRYLIC

DAMAGE TO ACRYLIC ONLY:

CRACKS, CHIPS, BLISTERS

NO LEAKAGE
STRUCTURAL DAMAGE
NORMALLY A RESULT OF BEING HIT
FROM BEHIND

DAMAGE TO FIBERGLASS

TYPICALLY THROUGH TO ACRYLIC

CAUSES LEAKAGE: SPA/AIR CHANNEL
GRINDING IN A
COSMETIC REPAIR

CORRECT
GRIND TO FIBERGLASS

INCORRECT
FIBERGLASS NOT EXPOSED

CRACK
GRIND PAST THE END OF THE ACRYLIC
WHY CONVENTIONAL SYSTEMS FAIL

WATER & CHEMICALS PENETRATES POUROUS FILLER

CAUSING DELAMINATION OF COATING

SYSTEMS THAT FAIL

FILLERS:
BOND0
EPOXY
FIBERGEL
POLYESTER

COATINGS:
LAQUER
EPOXY
CELLOUT
WHAT WORKS?

ACRYLIC BASED FILLER
ACRYLIC BASED COATING

WHY?

ORIGINAL OEM MATERIALS
NON-POUROUS
NO SHRINKAGE
EXCELLENT ADHESION

MAKES SENSE!!!

REPAIR ACRYLIC
WITH ACRYLIC!!
Minimize Pin Holes and Air Pockets
(Three-Step Filling Method)

Caution:
Do not use spot putty or polyester filler for imperfections or pinholes in final stages of the fill.
MARBLEIZING TECHNIQUES

Airbrush Strokes

Rat Tale

Long Stroke

Fade
SEQUENCE OF MARBLEIZING

1st  Body

2nd  Add Lines to Body (Rat Tale Stroke)

Common Mistakes:
- Bulky Lines
- Splatters
- Paint too Thick to Define Lines
- Not Following Flow of Pattern
3rd
Remove Edge of Body or Feather with Fade Stroke

4th
Connect Lines Going Through Body with Second Color with Long Stroke
5th

- Darken with Fade Stroke
- If Necessary, Define Again with Long Stroke
- Repeat Until Satisfactory
CURE TIME

Keep Cover Elevated
Keep Spa Dry For 7 - 10 Days

NO!  Yes!