

Crack Repair Procedure for **Filon**® Embossed Flex Roof

Prepping The Area To Be Repaired

Clean the affected area with soap and water. Then, wipe down the area with a soft cotton rag and lacquer thinner, being careful not to leave the lacquer thinner in one spot too long. Radius edge areas to be repaired should remain in the radius position both during and after the repair.

Deep Cracks or Deep Scratches

- A. Using an 80-220 grit sanding pencil, lightly sand the crack or scratch.
- B. Fill the depressions with a flexible two part spot filler, being careful not to distort the embossed finish.
- C. If shrinkage occurs once the spot filler has dried, the affected area may be re-treated in one of three ways.
 - 1. Re-treat the area with spot filler.
 - 2. Treat the area as a medium size crack.
 - 3. Treat the area as a small size crack.

Once the depression is filled and cured, color matched lacquer paint can be applied to the repaired area.

- D. After the paint area dries, refer to the finishing section of this repair procedure.

Medium Size Crack

- A. Clean affected area as described under "Prepping the area to be repaired" section.
- B. Using a pin stripping brush, fill the depression with a high build lacquer primer, thinned according to the manufacturer's recommendations. The type of thinner used will depend on the climate in which the repair is made. The paint supplier can make recommendations on the thinner selection.
- C. After drying is complete, check the depression for shrinkage and reapply primer mixture until the depression is filled.
- D. Once the depression is filled and cured, apply color matched lacquer paint to the affected area.
- E. After the painted area dries, refer to the finishing section of this repair procedure.

Shallow Or Small Size Cracks

- A. Clean affected area as described under "Prepping the area to be repaired" section.
- B. Using a pin stripping brush, apply a thinned color matched lacquer paint to the affected area. Again, the paint supplier can make recommendations on the type of thinner to use, according to the climate in which the repair is made.
- C. Once the paint has dried, check for shrinkage and reapply paint as needed.
- D. After the painted area has dried, refer to the finishing section of this repair procedure.

Multiple Cracks

For areas with multiple cracks, a spray application technique may be used.

- A. Clean affected area as described in the "Prepping the area to be repaired" section.
- B. Spray the affected area with a high build lacquer primer thinned appropriately for the climate in which the repair is to be made.
- C. Once the repair is dry, check for shrinkage and reapply primer as needed.
- D. After priming, apply color matched lacquer paint to the affected area.
- E. When the painted area is dry, refer to the finishing section of this procedure.

Finishing

After painting the affected area, the color may seem to flatten out. There are two suggested ways of restoring the gloss.

- A. Buff the repaired area.
- B. Using a paint sprayer, apply slow drying lacquer thinner to the affected area, being careful not to produce runs. This action will bring out the gloss and eliminate any halo affect that might have been produced by the repair.

NOTE: The age and condition of the roof may dictate the need to paint the entire roof.

CAUTION: Read and follow all safety recommendations on labels of materials used for repair. Some materials may be flammable and should be used with caution.