

REPAIR PROCEDURE – BURNS

Occasionally, Exel Composites FRP shapes may be exposed to sparks or flames from cutting and/or welding. The resultant damage may range from cosmetic to structural. The extent of the damage can only be ascertained after removal of the charred area using sanding techniques. Portions of the FRP which have not been discoloured can be assumed to have received insufficient heat to cause property problems.

After the char has been removed, the size of the imperfection will dictate the nature of the repair. An engineering decision must be made on which of the procedures presented in this manual is to be employed. At a minimum, the surface should be resealed; if the char area is large and deep, the part should be replaced.

As with all charring, any smoke released may be hazardous if inhaled. The area around the charred part should be ventilated before affecting a repair.