

## Hilti HIT-RE 500 V3

<sup>2</sup>Temperature range A: Maximum short term temperature = 130°F (55°C), Maximum long term temperature = 110°F (43°C).  
 Temperature range B: Maximum short term temperature = 176°F (80°C), Maximum long term temperature = 110°F (43°C).

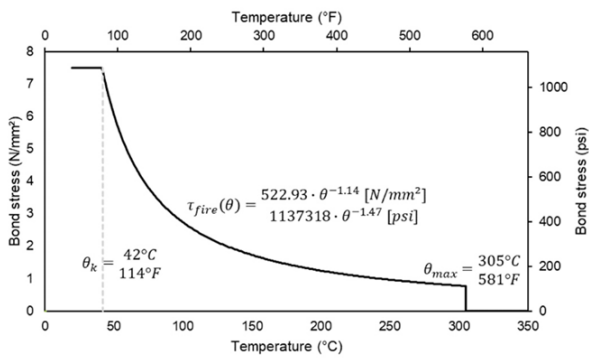


FIGURE 6A

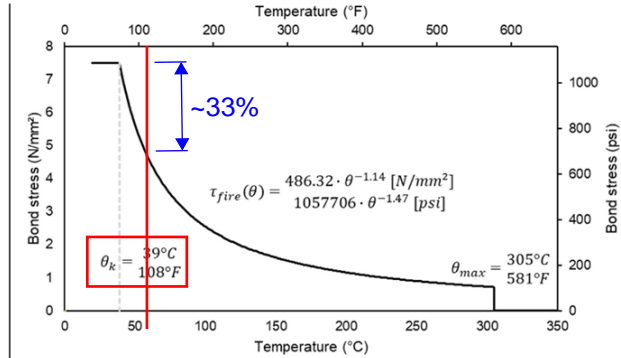


FIGURE 6B

FIGURE 6 – BOND STRESS VS TEMPERATURE OF POST INSTALLED REINFORCING BAR APPLICATIONS SUBJECT TO ELEVATED TEMPERATURE / FIRE.  
 FIGURE 6A FOR SHORT TERM LOADS INCLUDING SEISMIC; FIGURE 6B FOR SUSTAINED LOADS INCLUDING SEISMIC

## Hilti HIT-HY 200

5 Data is for temperature range A: Max. short term temperature = 104° F (40° C), max. long term temperature = 75° F (24° C).  
 For temperature range B: Max. short term temperature = 176° F (80° C), max. long term temperature = 122° F (50° C) multiply above value by 0.80.  
 For temperature range C: Max. short term temperature = 248° F (120° C), max. long term temperature = 162° F (72° C) multiply above value by 0.70.  
 Short term elevated concrete temperatures are those that occur over brief intervals, e.g., as a result of diurnal cycling. Long term concrete temperatures are roughly constant over significant periods of time.