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2) demands that we include
the effects of imperfections
in the structural design of
columns. The structural

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design of reinforced concrete columns is covered in section 5.8 of EC2. When columns are not properly designed, they can fail by;

crushing; buckling; shear, or; by the combination of any of the above

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$f_{ck} (1.000 + 5.0 \sqrt{f_{ck}})$ for $2 < 0.05 f_{ck}$.
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 $c_2, c = c_2 (f_{ck}, c/f_{ck})^2$.
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