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Figure 1: The Bottle Bond Test (BBT) and its relation to concrete compressive strength.  
210x141mm (150 x 150 DPI)
Figure 2: Types of bottle considered.
123x82mm (300 x 300 DPI)
Figure 3: General scheme of a BBT specimen.
107x50mm (300 x 300 DPI)
Figure 4: Bottle moulds and rebars prepared and right before casting.
152x49mm (300 x 300 DPI)
Figure 5: BBT carried out on one BBT specimen.
66x89mm (300 x 300 DPI)
Figure 6: Bond failure modes.
140x182mm (150 x 150 DPI)
Figure 7: Probability of rebar yielding vs rebar diameter for different concrete compressive strength values (rebar not greasy).
193x123mm (150 x 150 DPI)
Figure 8: Probability of rebar yielding vs rebar diameter for different concrete compressive strength values (greasy rebar).
196x121mm (150 x 150 DPI)
Figure 9: Predicted vs observed values for concrete compressive strength.
155x136mm (150 x 150 DPI)
Figure 10: Validation with data from a readymix concrete plant (real, as-observed dataset).

167x149mm (150 x 150 DPI)
Figure 11: Validation with data from a readymix concrete plant (virtually expanded dataset).
165x146mm (150 x 150 DPI)