

Pundit 200

## Ultrasonic testing of underwater structures

Ultrasonic Pulse Velocity is one of the most useful testing methods for evaluating the overall uniformity of a structure. It can also be used to determine if defects are present in the structure and to evaluate underwater structures for defects. Special precautions have to be taken to seal the connections to the probes and it is important to make sure that the cables are completely sealed too.

The overall Ultrasonic Pulse Velocity will be affected by the degree of saturation of the concrete. Using the area scan on the Pundit 200 unit, any change in overall wave speed velocity will be noted in the plot, which would then require further investigation.



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