

# application note



## Assessment of Concrete Quality

# Savcor India Private Ltd.

## Ultrasonic Pulse Velocity (UPV) testing of Concrete

Among the currently available NDT techniques, the UPV method is considered to be one of most reliable methods for evaluating concrete structures. The UPV method is effectively used to indicate changes in the properties of concrete, and in the survey of structures, to estimate the severity of deterioration or cracking.

## Application

Savcor India uses Pundit Lab for assessing the uniformity and relative quality of concrete in accordance with the Indian standard IS1311 and also to indicate the presence of voids and cracks. It is also used to evaluate the effectiveness of crack repairs. Savcor India offers professional services to its clients such as diagnostic condition surveys, design, supply and installation of specialist corrosion management systems including cathodic protection systems, and specialist repair techniques.

## Customer Quote

“We find the Pundit Link software very useful. We use it for waveform analysis and adjustment of the trigger point. The remote control feature is also beneficial to us. The results obtained are used for diagnosis, prognosis and quality control”.

Savcor India Private Ltd (India)  
- Proceq customer since 2010

## Profile

### Customer

Savcor India Private Limited is a wholly owned Indian subsidiary of Savcor group, Australia. It is a leading repair, rehabilitation, protection and maintenance provider. Its products and services extend the life of buildings, infrastructure and industrial assets.

### Employees

Approx. 20

### Requirements

- Checking the uniformity and quality of concrete
- Checking the presence of voids and cracks

### Proceq Product

Pundit Lab

### Benefits to the customer

- Wide range of transducers
- Pundit Link Software
- Conformance to IS1311 (India)