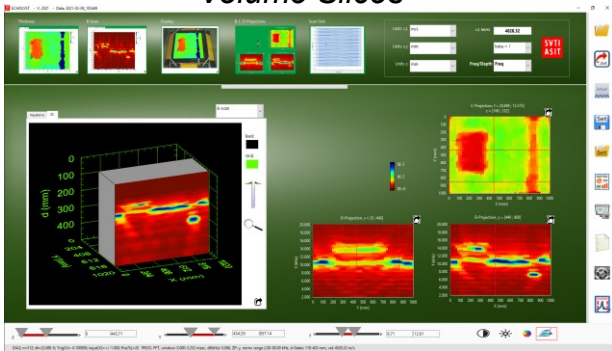


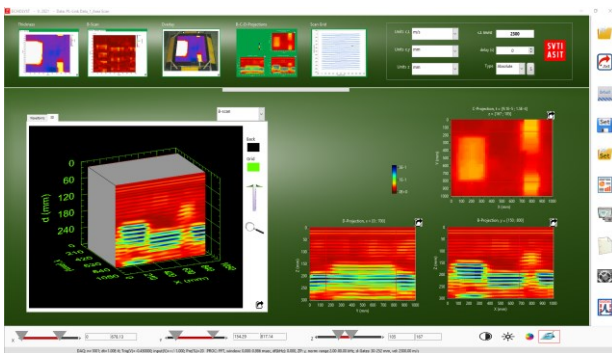
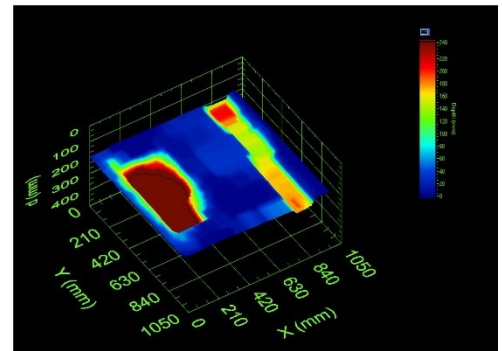
## IMPACT-ECHO and ULTRASONIC Pulse-Echo Data Analysis in ECHOLYST

Volume Slices

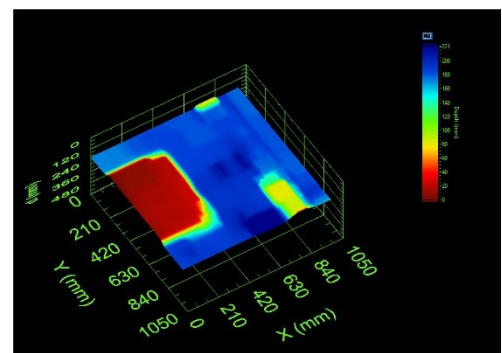


Impact-Echo Data Analysis

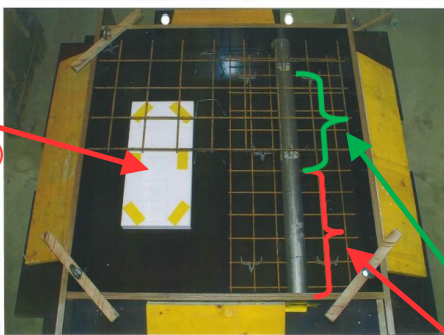
Profiles



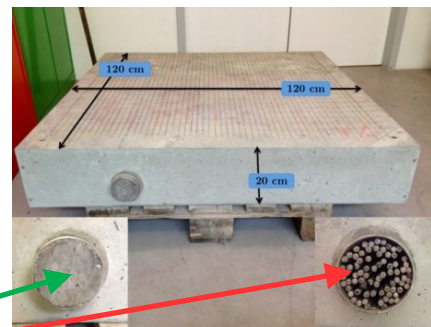
Ultrasonics Data Analysis



**Delamination**  
(reduced thickness)



**filled**  
**empty**



Reinforced demo test block before pouring the concrete, with:

- a delaminated section
- tendon duct (half of the length is fully grouted, the other half is empty)

Demo test block ready for testing.

The duct is filled with grout along half of its length, the other half has is left unfilled.

The data has been collected on test blocks for demonstration purposes! In field applications, tendon duct inspections are known for being challenging!