



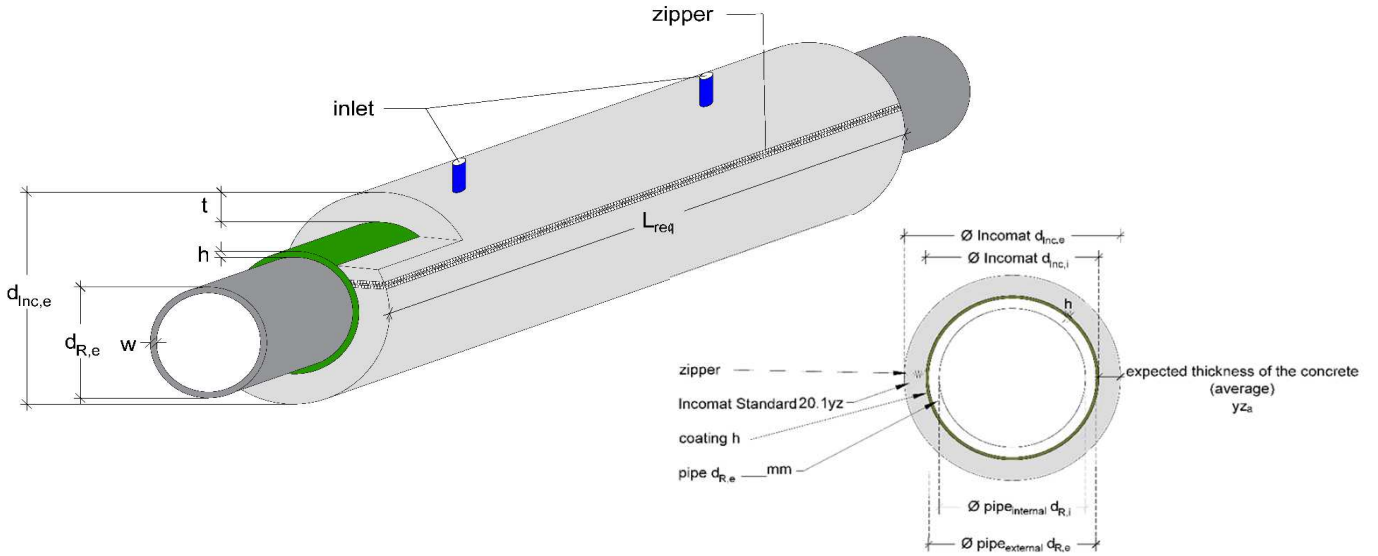
# Incomat IPC - pipeline protection

project name:   
 project number:   
 Country:

preferential use

installation length pipeline:  m

**pipeline installation**  straight  in curve / bend (pl. attach cross section drawings)



**informationen needed for anti bouyancy calculations:**

material pipeline			
safety factor against bouyancy			
necessary ballast			
inner diameter pipeline	Ø pipe internal $d_{R,i}$		kg/m
thickness of pipe	w		mm

outer diameter pipeline (min. 0,1 m, max 1,4 m)      Ø pipe external  $d_{R,e}$             mm

coating of pipeline:       $h_1$             mm

thickness protection nonwoven (if necessary)       $h_2$             mm

**coating total:**       $h =$             mm

outer diameter total (Ø Rohr aussen  $d_{R,e} + h$ )            mm

unfilled length of each single element [1-5 m ] (5 m standard)            m

amount of filling tubes [1 or 2] (standard at 5 m: 2)            -

**required thickness concrete**       $t = yz_a$             mm

chosen Incomat Standard 20.1yz (=  $yz_a - 2$  cm)      Stan 20.1            A8S

**installation method:**

In situ filling (standard)     Pull-in, not recommended     Lift in

name:       date: