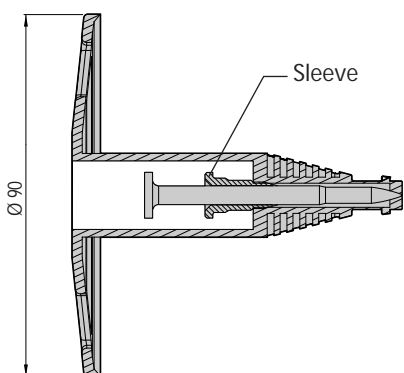
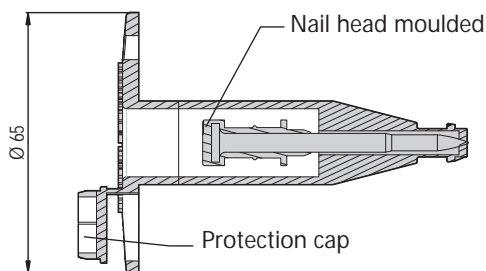


# SPIT CI6 – CI9



## NAIL LENGTH SELECTION

Designation	Type of insulation	Insulation thickness	Code
CI 6-40	Rigid insulation	40	038500
CI 6-50		50	038520
CI 6-60		60	038530
CI 6-70		70	038540
CI 6-80		80	038550
CI 6-90		90	038580
CI 6-100		100	038560
CI 6-120		120	038570
CI 9-60	Semi-rigid insulation	60	038720
CI 9-75		75	038730
CI 9-100		100	038750

## DESCRIPTION

- Polyethylen High density.
- CI-6 :
  - The nail head (for CI-6) is mould in thermoplastic-elastomer to improve the corrosion resistance
  - A protection cap to allow a good waterproofness and to reduce thermic transmission
- CI-9 : The nail is introduce in a sleeve to improve the guidance.

## PROPERTIES MATERIAL

### Plastic sleeve head

- CI6 : Ø65 head – Natural color
- CI9 : Ø90 head - Black anti-UV

### Nail shank


- Carbon steel
- Core hardness : 50 - 55 HRC
- Electro galvanizing, min zinc coating 7 µm

## TOOLS

P370 using adaptor

## ACCESSORIES

Using CI adaptor kit for P370 tool

	<b>P370</b>
Adaptor kit for CI 50 to CI 120	011030

## POWER SETTING

Choose the cartridge color on the job site

# SPIT CI6 – CI9



## DISTANCE RULES

Between 2 fixings : minimum distance of 90 mm  
Distance from edge : minimum distance of 100 mm

## APPLICATION LIMIT

The mean compressive strength of the concrete must be between C20/25 and C40/50.

## ANCHOR DEPTH



It must be between 25 and 31 mm to ensure the recommended load given above.

## RECOMMENDED LOAD

### TENSILE

The recommended load (kN) are calculated from the mean ultimate load and a safety factor higher than 4.

Insulation thickness (mm)	40	45	50	60	70	75	80	100	120
Recommended loads	0.30								

### SHEAR

The recommended load (kN) are calculated from the mean load with a displacement equal to 10 mm and a safety factor higher than 3.

Insulation thickness (mm)	40	45	50	60	70	75	80	100	120
Polystyren density =15 kg/m <sup>3</sup>	0.13								
Polystyren density =30 kg/m <sup>3</sup>	0.20								

### PULL-THROUGH

The recommended pull-through (kN) are calculated from the failure load and a safety factor equal to 3.

Insulation thickness (mm)	40	45	50	60	70	75	80	100	120
Rock wool density =120 kg/m <sup>3</sup>	0.12				0.16				
Polystyren density =15 kg/m <sup>3</sup>	0.20								
Polystyren density =30 kg/m <sup>3</sup>	0.30								

## CONTROL FIXING

Ref		Insulation thickness (mm)								
		40	45	50	60	70	75	80	100	120
CI-6	Xmini	0	4	9	19	29	34	39	59	79
	Xmaxi	6	10	15	25	35	40	45	65	85
CI-9	Xmini	2	6	11	21	31	36	41	61	81
	Xmaxi	8	12	17	27	37	42	47	67	87

