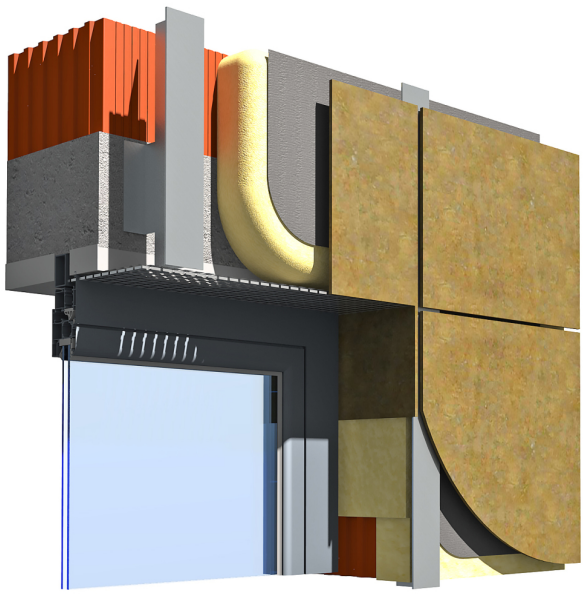
CONSTRUCTION DETAILS RD-07

EXTERNAL MASONRY INSULATION – HEAD

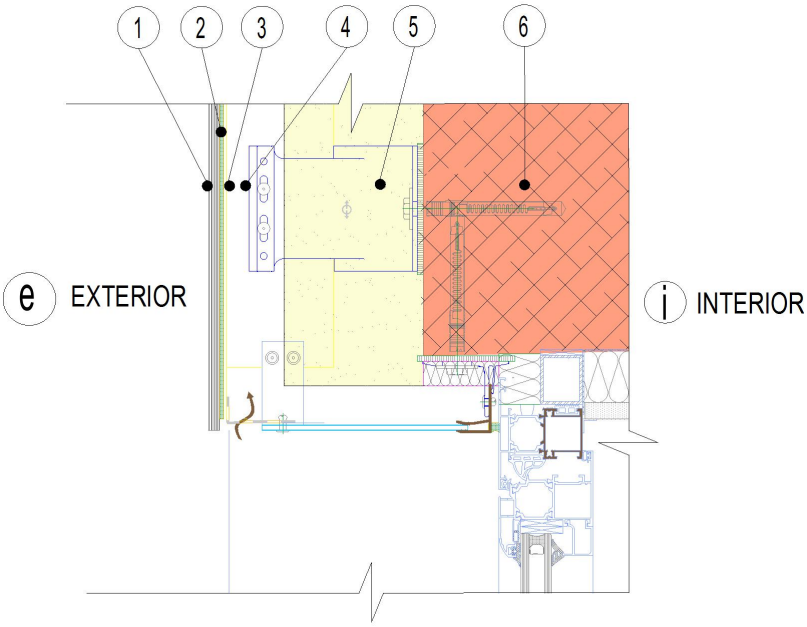


STRUCTURE CHARACTERISTICTS:

DIFUSION OPEN STRUCTURE WITH VENTED AIRSPACE DONE FROM ALLUMINIUM PROFILES AND THERMAL INSULATION ICYNENE

STRUCTURE ADVANTAGES:

- VAPOUR OPEN
- AIRTIGHT
- SOUND RESISTANCE
- SPEED OF INSTALLATION
- SEGMENTATION – VARIOUS SURFACES OPTIONS



THERMAL TRANSMITTANCE VALUE ACCORDING TO CSN 730540	
REQUIRED THERMAL TRANSMITTANCE VALUE U [W/m2K]	0.3
CALCULATED THERMAL TRANSMITTANCE VALUE U [W/m2K]	
ICYNENE H2FOAM LITE (LDC-50)	0.21
ICYNENE H2FOAM LITE PLUS (LDC-70)	0.20
ICYNENE H2FOAM FORTE (MDR-210)	0.18

TECHNICAL PARAMETERS OF STRUCTURE

LABEL	LAYER	THK. [mm]	DESCRIPTION
1	FUNDERMAX / CETRIS / CEMBONIT / NOVABRIK / KRONOPLAN BOARD	8	EXTERIOR FINISH
2	SIKA GLUE	3	CONNECTING LAYER
3	AIRSPACE	40	VENTED AIRSPACE
4	FURRING CHANNELS HAFIX / INTEGRO - TI ICYNENE	180	SUPPORTING STRUCTURE / THERMAL INSULATION LAYER
5	POROTHERM / HELUZ / YTONG	440	EXTERNAL MASONRY

Remark: 1] THERMAL INSULATION HAS TO BE PROTECTED WITH VAPOR BARRIER OR UV PAINT IN CASE OF GAPS BETWEEN EXTERNAL FINISHING BOARDS.