

DIN EN ISO 15758:2014-09 (E)

Hygrothermal performance of building equipment and industrial installations - Calculation of water vapour diffusion - Cold pipe insulation systems (ISO 15758:2014)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms, definitions and symbols	5
4	Calculation formulae	7
4.1	General	7
4.2	Homogeneous insulation	7
4.3	Multi-layer insulation systems	8
4.4	Systems with capacity for drying	8
5	Boundary conditions	9
6	Calculation procedure	10
6.1	General	10
6.2	Calculation of rate of condensation in single homogenous insulation layer	10
6.3	Calculation of rate of condensation in multi-layer insulation system	10
	Annex A (informative) Examples	13
	Annex B (informative) System with capacity for drying and experimental determination of evaporation rate from surface of wet wick fabric	15
	Bibliography	19