# 防潮验算

表格

描述已自动生成

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 类型 | | 构造 | | 增量限值(%) | | | 实际增量(%) | | | 结论 | |
| 屋顶 | | 屋顶构造一 | | 5 | | | 0 | | | 满足 | |
| 外墙 | | 外墙构造一 | | 5 | | | 0 | | | 满足 | |
| 阳台隔墙 | | 阳台隔墙构造一 | | 10 | | | 0 | | | 满足 | |
| 序号 | | 名称 | | δ 厚度 (mm) | | ρ 密度 (kg/m3) | θi 温度 (℃) | | Pb 饱和水蒸汽分压力 (Pa) | Ps 水蒸汽分压力 (Pa) | | λ 导热系数 (m/k.W) | | α 修正系数 | R 热阻 (m2.k/W) | μ 水蒸汽渗透系数 (g/(m.h.kPa)) | H 水蒸汽渗透阻 (m2.h.Pa/g) |
| 1 | | 室外 | |  | |  | 3.6 | | 790.6 | 569.2 | |  | |  |  |  |  |
| 2 | | 室外对流层 | |  | |  |  | |  |  | |  | |  | 0.04 |  | 2.6667 |
| 3 | | 外表面 | |  | |  | 4.25 | | 827.6 | 569.3 | |  | |  |  |  |  |
| 4 | | 水泥砂浆 | | 20 | | 1800 |  | |  |  | | 0.93 | | 1 | 0.02 | 0.021 | 952.38 |
| 5 | | 0~1 | |  | |  | 4.6 | | 848.1 | 610.3 | |  | |  |  |  |  |
| 6 | | 挤塑聚苯乙烯泡沫塑料（带表皮） | | 20 | | 35 |  | |  |  | | 0.03 | | 1.2 | 0.56 | 0.04 | 500 |
| 7 | | 1~2 | |  | |  | 13.6 | | 1558.6 | 631.8 | |  | |  |  |  |  |
| 8 | | 水泥砂浆 | | 20 | | 1800 |  | |  |  | | 0.93 | | 1 | 0.02 | 0.021 | 952.38 |
| 9 | | 2~3 | |  | |  | 13.95 | | 1592.4 | 672.8 | |  | |  |  |  |  |
| 10 | | 钢筋混凝土 | | 200 | | 2500 |  | |  |  | | 1.74 | | 1 | 0.11 | 0.0158 | 12658.23 |
| 11 | | 3~4 | |  | |  | 15.82 | | 1796.2 | 1217.4 | |  | |  |  |  |  |
| 12 | | 石灰砂浆 | | 20 | | 1600 |  | |  |  | | 0.81 | | 1 | 0.02 | 0.0443 | 451.47 |
| 13 | | 内表面 | |  | |  | 16.22 | | 1842.8 | 1236.9 | |  | |  |  |  |  |
| 14 | | 室内对流层 | |  | |  |  | |  |  | |  | |  | 0.11 |  | 7.9808 |
| 15 | | 室内 | |  | |  | 18 | | 2062 | 1237.2 | |  | |  |  |  |  |