



NFPA 285 ASSEMBLY GUIDE

RMAX THERMASHEATH®

Wall Component	Materials
Base Wall	<ul style="list-style-type: none"> • Steel studs (3 5/8" 20GA min, 24" o.c. max) with Type X interior gypsum wall board (1/2" min) • Concrete or concrete masonry wall • Fire Retardant Treated Wood (FRTW) studs (nominal 2x4 min, 24" o.c. max) with 5/8" Type X interior gypsum wallboard
Floor Line Fire-Stopping	<ul style="list-style-type: none"> • Mineral fiber insulation (4 pcf) • FRTW fire blocking
Cavity Insulation	<ul style="list-style-type: none"> • None • Mineral fiber or fiberglass (faced or unfaced) • Any non-combustible insulation • Various SPF (requires 5/8" exterior gypsum)
Exterior sheathing	<ul style="list-style-type: none"> • None (only with concrete or concrete masonry walls) • Exterior gypsum sheathing (1/2" min) • FRTW structural panels (1/2" min) • Soprema® SOPRASEAL® Xpress G2
Water Resistive Barrier Over Sheathing	<ul style="list-style-type: none"> • None • W. R. MEADOWS AIR-SHIELD LMP (Gray) • W. R. MEADOWS AIR-SHIELD LMP (Black) • W. R. MEADOWS AIR-SHIELD TMP • W. R. MEADOWS AIR-SHIELD LSR
Exterior insulation	<ul style="list-style-type: none"> • Thermasheath® (4.5" max)
WRB Over Insulation	<ul style="list-style-type: none"> • W. R. MEADOWS AIR-SHIELD LMP (Gray) • W. R. MEADOWS AIR-SHIELD LMP (Black) • W. R. MEADOWS AIR-SHIELD TMP • W. R. MEADOWS AIR-SHIELD LSR
Exterior Cladding	<ul style="list-style-type: none"> • Brick, standard 4" clay brick with max 2" air gap • Stucco, cement plaster (3/4" min) and lath with optional secondary WRB (not asphaltic or self-adhered butyl) • Limestone (2" min) • Natural stone veneer (2" min) • Cast artificial stone veneer (1 1/2" min) • Terracotta cladding (1 1/4" min) • Any MCM (aluminum, steel, copper, zinc) passing NFPA 285 with max 2 1/2" air gap • Metal panel, uninsulated (aluminum, steel, copper, zinc) • Fiber-cement siding, uninsulated • Autoclaved-aerated-concrete (AAC) panels passing NFPA 285 • Stone/aluminum honeycomb composite building panels passing NFPA 285 <ul style="list-style-type: none"> - Stone Panels, Inc StoneLite® panel system • Thin set brick <ul style="list-style-type: none"> - Elite Series • Natural stone veneer, adhered (1 1/4" min) • FunderMax M.Look with max 1 1/2" air gap
Window Header	<ul style="list-style-type: none"> • Steel flashing (20GA min)
Flashing	<ul style="list-style-type: none"> • Any asphalt, acrylic or butyl based (12" max) • Any liquid applied (12" max)

Note: Fire Retardant Treated Wood (FRTW), where allowed, must comply with IBC Section 2303.2.

Information obtained from Rmax Thermasheath®

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