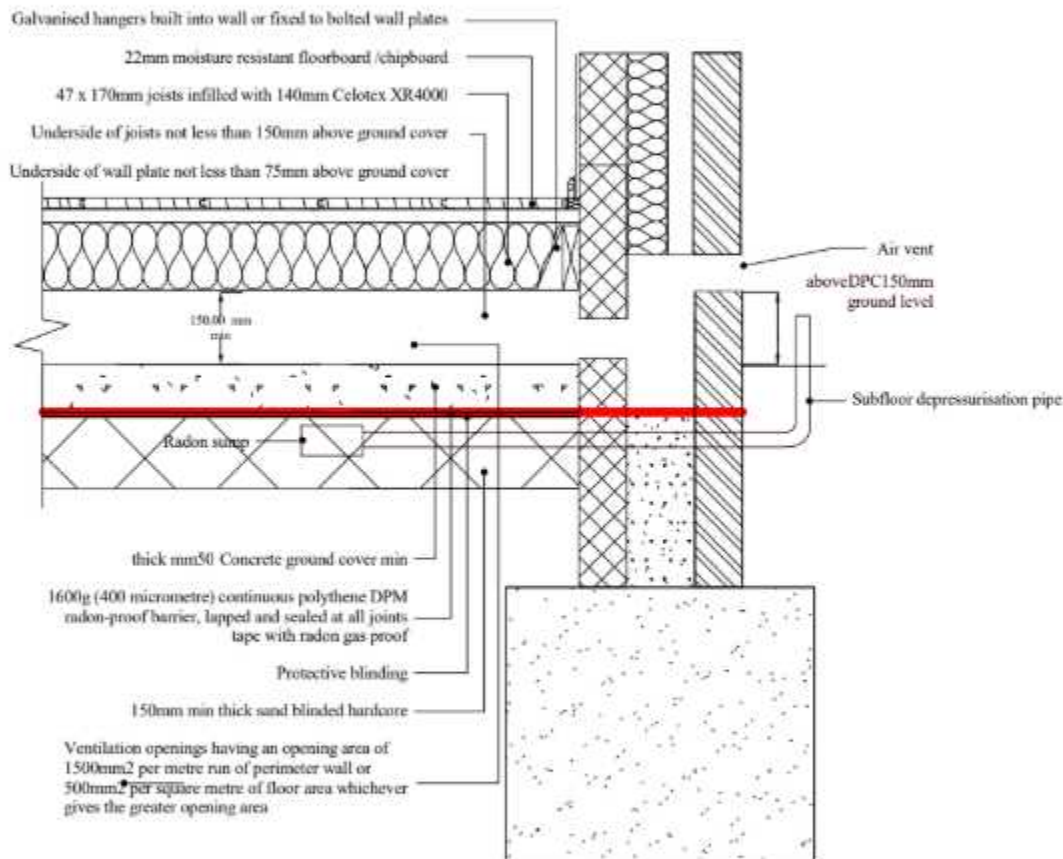


TIMBER SUSPENDED FLOOR RADON PROTECTION

Refer to BRE – Radon, Guidance on protective measures for new buildings

U-value 0.18 W/m²K



GAS MEMBRANE JOINTING SPECIFICATION

WHERE CONNECTING A NEW GAS MEMBRANE TO AN EXISTING ONE, ENSURE A MINIMUM 100MM OVERLAP (COMMONLY SPECIFIED BY THE MANUFACTURER). BOTH MEMBRANE SURFACES MUST BE CLEAN, DRY, AND FREE OF DIRT OR DEBRIS. APPLY A DOUBLE-SIDED BUTYL TAPE APPROXIMATELY 10MM FROM THE EDGE OF THE EXISTING MEMBRANE, THEN ALIGN AND PLACE THE NEW MEMBRANE OVER IT. REMOVE THE TAPE'S BACKING PAPER AND PRESS BOTH MEMBRANES TOGETHER, USING A ROLLER TO ELIMINATE AIR POCKETS AND ENSURE A TIGHT SEAL. SEAL THE JOINT WITH A SINGLE STRIP BUTYL TAPE TO PREVENT MOVEMENT OR LEAKING. PAY PARTICULAR ATTENTION TO SEVERED PERIMETERAL JOINTS, APPLICATING BUTYL TAPE TO TOP, SIDES AND END JOINTS TO PREVENT GAS-TIGHT SEALS. ALL JOINTS MUST BE VISUALLY INSPECTED AND RECORDED AS PART OF A VERIFICATION PROTOCOL. IF ANY EXISTING GAS MEMBRANCE ARE PRESENT WITHIN THE PROPERTY, THEY MUST BE IDENTIFIED, DATED FOR REMOVAL, AND TREATED USING THE SAME METHOD. ALWAYS FOLLOW THE SPECIFIC PRODUCT MANUFACTURER'S GUIDELINES, AND ENSURE THE SITE IS FREE OF CONTAMINANTS THAT COULD IMPACT PERFORMANCE. PROFESSIONAL INSTALLATION IS RECOMMENDED WHERE UNCERTAINTY EXISTS.