

Specifications for Wokingham Baptist Church

1	Timber lower roof deck	
	19mm x 125mm Redwood tongue and grooved boarding, secret fixed, and protected from rain and staining before being covered. Laid on top of new roof joists. Treated with Envirograph 92 clear protective coating to achieve Class 0 surface spread of flame.	
2	Roof Joists	
	50 x 175 planed softwood, C24 finished size 47 x 170mm. Preferably Swedish Redwood or similar, kiln dried, square edged for internal use. Treated with Envirograph 92 clear protective coating to achieve Class 0 surface spread of flame.	
3	Roof insulation	
	Kingspan TP10 PIR insulation 100mm thick cut exactly to fit between joists.	
4	Make up Mineral Wool Insulation	
	Use 100mm Knauf Acoustic Roll Glass wool insulation packed to suit wedge shapes	
5	Roof waterproofing membrane	
	Sarnafil AT single ply high performance roof waterproofing membrane. PVC. Fixed membrane, Agreement Cert 09/4668	
	<p>Construction > Flat Roof Construction > Flat Roof Products and Systems > Single Ply Roofing > PVC Roof Membranes > Sikaplan® SGK-15</p>  <p>Sikaplan® SGK-15 Polymeric membrane for adhered roof waterproofing</p> <p>Sikaplan® SGK-15 is a multi-layer, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC) with inlay of glass non-woven and polyester fleece backing according to EN 13956.</p> <ul style="list-style-type: none"> ✓ Resistant to permanent UV irradiation ✓ High dimensional stability due to glass fleece inlay ✓ High water vapour permeability 	
6	Vapour Control Membrane on top of lower roof deck on top of joists	
	Tyvek Airguard Smart VCM. To EN 13984 2013	
7	Upper Plywood Roof Deck above insulation	
	18mm WBP plywood, (Glued to resist breakdown of laminations under damp conditions) Treated against rot.	
	Use 2400 x 1220 x 18mm sheets, cut as required, but with unsupported butt joints supported by treated cross noggin were required.	
8	Waterproofing over junction between existing barrel vault and new gable.	
	Code 5 lead capping dressed over junction, and dressed down and along glazed section, and down Sarnafil sheet, to form fail-safe waterproof capping, Adhesive Sarnafil can be used in lower sections of the junction between old and new, and into the gutter sections below the lead capping.	

9	Window over the stairwell Contractor supplied, Window suitable for Flat Roof, installed to manufacturers instructions. Size approx. 1200 x 1200mm. Glass. Toughened, Self-Cleaning, Solar control glass, Double Glazed,	
10	Replacement of Velux Window for access from Upper Hall Remove and replace Velux window within upper room, the one which gives access onto the roof which contained the barrel-vaulted roof-light. It is to be a wooden finished Velux, Top hung, and with solar reflective glass, with the maximum heat refection possible. At present the window has not been surveyed in detail. Such modifications as are necessary shall be made to the roof structure. Picture at end of this list. Size still to be determined. An Aluminium access step safety step flight of risers min 150mm and max 200mm risers created outside the window at the base of the step or slightly lower, to create safe access from the bottom rail of the new Velux window and the lower point of the roof slope. Example below not the right length or height but illustrates the principle. ZRGES	
	<p> ZARGES PRODUCTS INDUSTRY SECTORS SOLUTIONS</p> 	
11	Workmanship and Construction Arrangements Liaise and work with the client. The church will be in use during the works. The most severe risk during the works is the proximity of members of the church and visitors using the building and the surroundings. Access and scaffolding will be required on the front of the building to provide access up to the works. This will require the removal of ladders at non-working hours and weekends. Access and protective scaffolding will be required inside the stair well, with a protective deck at work level below the new joist level, but there below, access needs open and safe for staff and building users to use the building in safety.	
	Include: The contractor is to include all fixings, adhesives, tools, access equipment, materials, and everything necessary to complete the works as designed. The design is an indication of what to do, not how to do the work. It is assumed, (as is the case law) that the builder is an expert in their field and have the skills, knowledge and expertise to do the work that they undertake to do when they tender for that work. The contractor is to include for all waste disposal at registered sites, and to show certifying paperwork to confirm that the waste has been disposed of at the registered sites. The immediate site area will need to be hoarded off using solid hoarding and access will need to be locked during non-working hours and weekends. There will be no parking available for working people during the works, but there will be off-loading space by arrangement. No smoking is permitted on the site or the premises. The site details are: Milton Rd, Wokingham RG40 1DE Telephone: 0118 978 7174	
	Any questions are to be addressed to Jeremy Bell, JBKS Architects telephone 07808061324 or email jeremy@jbks.co.uk .	

