

Existing Bituminous Roof Coverings

Suitable bituminous substrates must be clean, smooth and free of oil and grease and sharp protrusions, all loose roof covering must be removed prior to the installation of ***hertalan***. Specifications covering the installation of ***hertalan*** onto existing bituminous roofs can be found in chapter 5, all specifications assume that the existing structure is sound, stable and suitable.

IMPORTANT NOTE: hertalan must never be applied in direct contact with a substrate containing low melting point tar or bitumen, in these cases a separating layer of insulation or hertalan easy.tex must first be installed to receive the hertalan.

Chapter 4 **Guidelines for the Substrate**

The structure of the substrate to receive ***hertalan*** must be in full accordance with current building regulations and practice.

Pitched/Sloping Roofs

The slope of the structure must comply with all current regulations and where possible, it is advantageous (but not essential) to design the membrane's bonded joints in sympathy with the slope and/or water flow.

Concrete

All concrete substrates should be sufficiently hardened and cured, the surface should be smooth, clean, dry and free from oil and grease, all other surfaces to receive ***hertalan*** should also meet this criteria.

Timber Surfaces

All timber materials should be fixed in full accordance with the manufacturers recommendations and must be clean, dry and free from oil, grease and preservatives must be fully cured/ dry. There must not be any height differences in the roof sheets and all fixings must be countersunk, all joints should be installed taking expansion into consideration.

IMPORTANT NOTE: Where the hertalan system is adhered, care should be taken to ensure that the edges and joints are not contaminated with KS143.

Profiled Steel Roof Sheets

Sheets must be undamaged, clean, de-burred and free of sharp edges or points. The sheets must be attached to each other and to the structure in such a manner that differences in vertical movement between the sheets and/or other structural parts is not possible, the troughs must be free of water and there should be no differences in height.

Note: hertalan must never be fitted directly to roofing sheets with profiles, an intermediate layer of insulation and/or other suitable/approved board must be fitted to receive the hertalan.