



KEY:

- ① NORDAN HIGH PERFORMANCE INWARD OPENING DOOR ALUMINIUM CLAD
- ② SEALED GLAZING UNIT
- ③ GLAZING SYSTEM - THE SYSTEM IS SELF VENTILATING AND SELF DRAINING, THEREFORE NO MOISTURE IS IN CONTACT WITH THE WOOD. TO IMPROVE SECURITY, THE SEALED UNIT IS GLUED INTO THE SASH
- ④ VACUUM IMPREGNATED TIMBER - NORDAN PRODUCTS USE TIMBER SOURCED FROM SUSTAINABLE FORESTS, WITH PEFC FULL CHAIN OF CUSTODY. VACUUM IMPREGNATION PROTECTS THE TIMBER FROM ROT, FUNGAL AND INSECT ATTACK.
- ⑤ ALUMINIUM GLAZING BEADS - ALUMINIUM GLAZING BEADS REDUCE THE LEVEL OF MAINTENANCE AND CREATE A MORE SUBSTANTIAL DESIGN BY ALLOWING FULL VENTILATION AND DRAINAGE. THE ALUMINIUM IS SECURELY CLIPPED INTO PLACE THUS PREVENTING AND DAMAGE TO THE DOOR
- ⑦ GASKET - THE PROFILE OF THE WINDOW SECTIONS AND DESIGN FOR DRAINAGE DEPENDS ON THE WEATHER SEAL BEING ABLE TO PROVIDE THE REQUIRED RESISTANCE OF THE GAP BETWEEN SASH AND FRAME TO WEATHER
- ⑧ OPTIONAL ALUMINIUM CLADDING - THE OPTIONAL ALUMINIUM RAIN SCREEN CLADDING GREATLY IMPROVES THE LIFE-SPAN OF THE PRODUCT AND VASTLY REDUCES MAINTENANCE COSTS. IT CAN ALSO BE POWDER COATED TO ANY RAL COLOUR OF YOUR CHOICE

- ⑩ AIR TIGHTNESS TAPE AND SEALANT APPLIED TO BACK OF FRAME & RETURNED ONTO NOMINAL 15mm PLYWOOD INGOE
- ⑪ COMPRESSIBLE FILL & SHIMS AS REQUIRED
- ⑪a ADDITIONAL COMPRESSIBLE FILL BETWEEN PROPRIETARY FLASHING & UNDERSIDE OF CUT WALL PANEL
- ⑫ SEALANT AT DOOR FRAME
- ⑬ PROPRIETARY INSULATED COMPOSITE PANEL BY SPECIALIST FIXED TO STEEL PURLINS ALL AS PER SPECIALIST SPECIFICATIONS
- ⑭ STEEL PURLIN \ CHANEL TO FORM HORIZONTAL STRUCTURAL MEMBER ALL AS PER STRUCTURAL ENGINEER'S DETAILS
- ⑮ FULLY INSULATED BETWEEN PURLIN AT DOOR HEAD (DOOR INGOE)
- ⑯ INNER FINISHES - TIMBER WALL FRAMING, VAPOUR BARRIER & 12.5mm PLASTERBOARD
- ⑰ PROPRIETARY 2 PART FLASHING TO DOOR HEAD TO COVER CUT BOTTOM OF WALL PANEL - ALL AS PER COMPOSITE PANEL CLADDING MANUFACTURER'S DETAILS. NOTE TOP PART OF FLASHING FIXED TO CHANNEL WITH BOTTOM PART OF FLASHING TAKEN INTO DOOR INGOE WITH NO FIXINGS TO INTERNAL
- ⑱ STAINLESS STEEL FIXING STRAP, BENT ACROSS & FIXED TO EITHER TIMBER POSTING OR INTO CHANNEL - ALL WITH SUITABLE FIXINGS
- ⑲ INNER VAPOUR BARRIER RETURNED INTO INGOE
- ⑳ EXTERIOR PLYWOOD TO INGOE

DESIGN ADVICE

DRAWING TO BE READ IN CONJUNCTION WITH NORDAN MEASURING & INSTALLATION LEAFLET. AVAILABLE AT www.nordan.co.uk/uk/downloads

ALL DETAILS ARE SUBJECT TO CHANGE BY PROJECT INSURER / CERTIFIERS LATEST REQUIREMENTS i.e NHBC

ALL DETAILS ARE SUBJECT TO CHANGE BY TIMBER FRAME KIT MANUFACTURERS REQUIREMENTS

ALL DETAILS MUST BE READ IN CONJUNCTION WITH THE LATEST ACCREDITED CONSTRUCTION DETAILS (SCOTLAND) & ALTERED ACCORDINGLY TO ENSURE AIR TIGHTNESS & THERMAL CONTINUITY

AIR TIGHTNESS GENERAL NOTES

- INSTALL DOOR TO OVERLAP WITH OUTER LEAF OF WALL FINISH
- INSTALL AIR TIGHTNESS SEAL BETWEEN THE INSIDE FACE OF THE DOOR AND THE STRUCTURAL FINISH OF THE DOOR OPENING

THERMAL CONTINUITY GENERAL NOTES

- CHECK THAT THERE IS NO DEBRIS IN THE CAVITY
- INSTALL CAVITY BARRIER AROUND OPENING

TITLE:	INWARD DOOR HEAD DETAIL
DATE:	MAY 2011
SCALE:	1:2 @ A3
DWG NO:	NDUK ID 29



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Door Head Detail

Scale 1:2

Profiled Metal Insulated Composite Panel