

# NEUTRAS

## Product description/ specification:

This new and innovative product is an extremely versatile product and has been designed to serve as a uniquely adaptable substitute for traditional steel ties. NEUTRAS wall ties have both low thermal conductivity and high structural performance levels. This means they can be excluded from the current U value calculations in EN ISO 6946 and provide a credible solution to new legislation requirements.

- High specific tensile strength 4-6 times higher than stainless steel.
- Excellent corrosion resistance (never rusts).
- Low thermal conductivity of 0.65W/mK, which is 15-20 times lower than stainless steel.
- High compressive strength compared to conventional FRP materials.
- Non-magnetic and electrically non-conductive.

### Testing

- Tested for strength in tension, compression, thermal conductivity and fire conditions
- Tested to BS EN 845-5:2000 by Lucideon in Stoke-on-Trent
- Tested in 60min fire conditions by BRE materials
- Meets technical requirements of NHBC
- BBA certificate applied for
- Thermal conductivity tested by Imperial College London

### High Bonding Strength

Due to specially designed surface, the tie bonds extremely well with mortar.



### Protective End Caps

Comes with temporary high visibility protective end caps to ensure protruding ties are visible, thus minimising on-site accidents.

### Soft Insulation Clips

Readily available to hold insulation batts in place.



<b>Product</b>	<b>Cavity Width</b>	<b>Units per pack</b>
Neutras-4-200	75mm(Max. 10m High)1	250
Neutras-4-225	100mm	250
Neutras-4-250	125mm	250
Neutras-4-275	150mm	250
Neutras-4-300	175mm	250
Neutras-2-200	75mm(Max. 15m High)	250
Neutras-2-225	100mm	250
Neutras-2-250	125mm	250
Neutras-2-275	150mm	250
Neutras-2-300	175mm	250
Neutras-2-325	200mm	100
Neutras-2-350	225mm	100
Neutras-2-375	250mm	100
Neutras-2-400	275mm	100
Neutras-2-425	300mm	100
Neutras-1-200	75mm(Max. 18m High)	250
Neutras-1-225	100mm	250
Neutras-1-250	125mm	250
Neutras-1-275	150mm	250