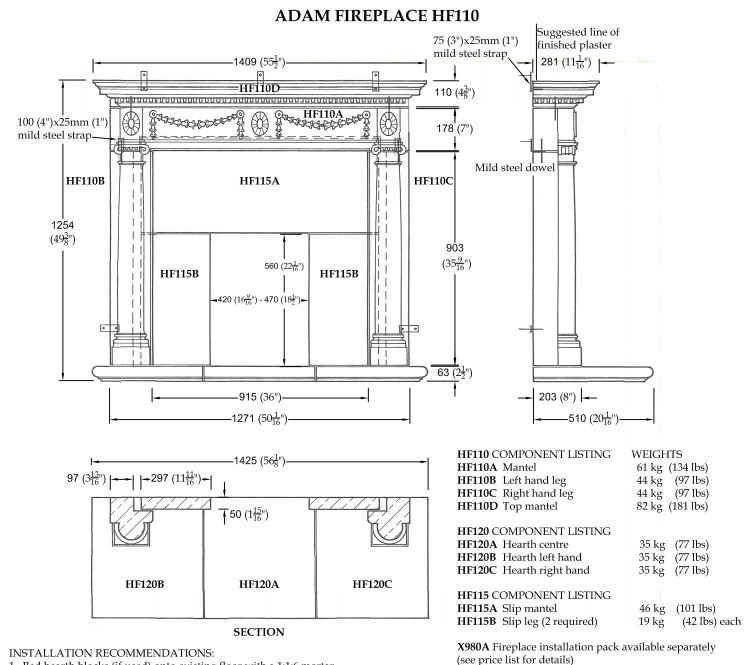
TECHNICAL SPECIFICATION SHEET

M27

Haddonstone Ltd +44 (0)1604 770711 info@haddonstone.co.uk • Haddonstone (USA) Ltd 866 733 8225 stone@haddonstone.com



1. Bed hearth blocks (if used) onto existing floor with a 1:1:6 mortar

2. Bed fireplace legs, securing to wall using 75mm (3")x25mm (1") and 100mm (4")x25mm (1") mild steel straps as indicated and 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab or similar

3. Pin and bed mantel to legs using \emptyset 6mm ($\frac{1}{4}$) 100mm (4") mild steel dowels and tie to wall using 75mm (3")x25mm (1") mild steel straps as indicated and 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab or similar

Plug and screw mild steel straps using 2" No.10 countersunk screws

Position and secure slips (if used) to suit site conditions, adjusting to suit desired opening. Slips not designed for use in conjunction with open fires unless backed by a suitable fire-resistant construction. Suitable heat resistant floor to be supplied by others

BEDDING JOINTS - Use 1:1:6 cement/lime/sand mortar

POINTING - Joints should be pointed using proprietary TecStone pointing mix in accordance with the recommended instructions Please advise requirements for TecStone pointing mix, if any, at time of placing order

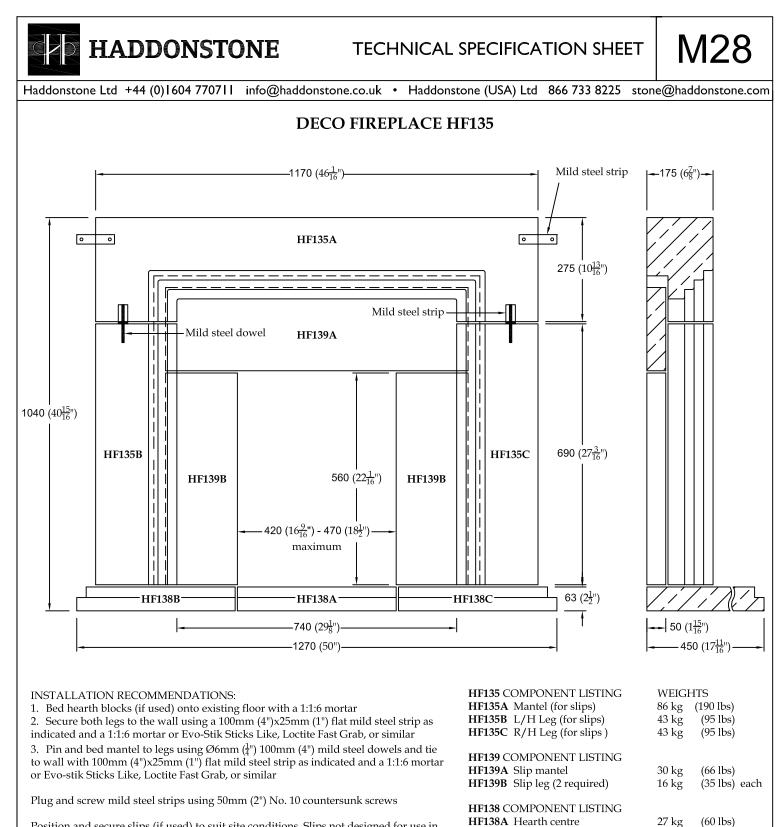
Or use 1:1:6 cement/lime/sand colour-toned to suit (white cement may be necessary)

Unless otherwise stated, all materials other than stonework to be supplied by others

All dimensions exclude joints - allow 6mm $\left(\frac{1}{4}\right)$ for vertical and bedding joints

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Position and secure slips (if used) to suit site conditions. Slips not designed for use in conjunction with open fires unless backed by a suitable fire-resistant construction Suitable heat resistant floor to be supplied by others

BEDDING JOINTS - Use 1:1:6 cement/lime/sand mortar

POINTING - Joints should be pointed using our proprietary TecStone pointing mix in accordance with the recommended instructions

Please advise requirements for TecStone pointing mix, if any, at time of placing order Or use 1:1:6 cement/lime/sand colour-toned to suit (white cement may be necessary)

Unless otherwise stated, all materials other than stonework to be supplied by others mg mix in mg order (see price list for details)

HF138B Hearth L/H

HF138C Hearth R/H

27 kg

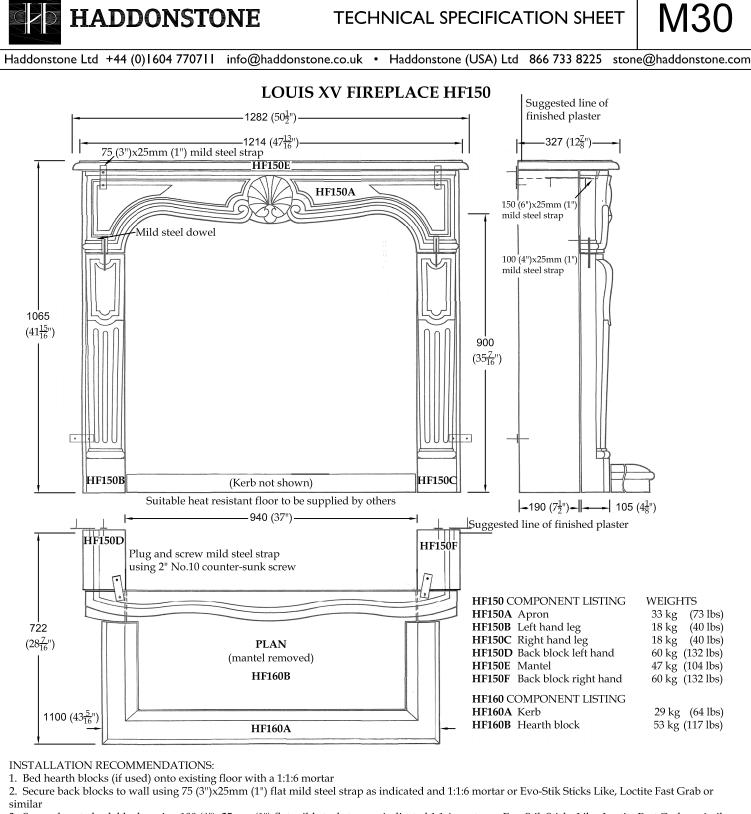
27 kg

(60 lbs)

(60 lbs)

All dimensions exclude joints - allow $6mm(\frac{1}{4})$ for vertical and bedding joints

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3. Secure legs to back blocks using 100 (4")x25mm (1") flat mild steel strap as indicated 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab or similar 4. Pin and bed apron onto legs using \emptyset 6mm ($\frac{1}{4}$ ") 100mm (4") mild steel dowels and tie to back blocks with 150 (6")x25mm (1")flat mild steel straps as indicated and 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab or similar. Bed mantel onto back blocks and apron with 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab or similar.

BEDDING JOINTS - Use 1:1:6 cement/lime/sand mortar

POINTING - Joints should be pointed using proprietary TecStone pointing mix in accordance with the recommended instructions Please advise requirements for TecStone pointing mix, if any, at time of placing order

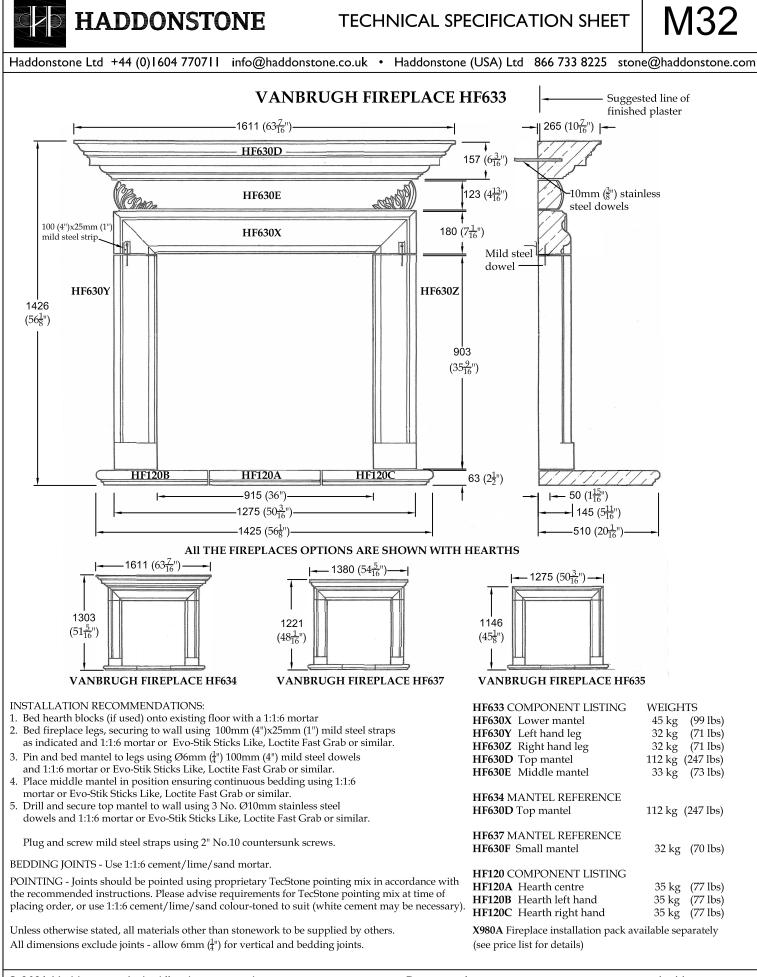
Or use 1:1:6 cement/lime/sand colour-toned to suit (white cement may be necessary)

Unless otherwise stated, all materials other than stonework to be supplied by others All dimensions exclude joints - allow 6mm $(\frac{1}{4})$ for vertical and bedding joints

X980 Fireplace installation pack available separately (see price list for details)

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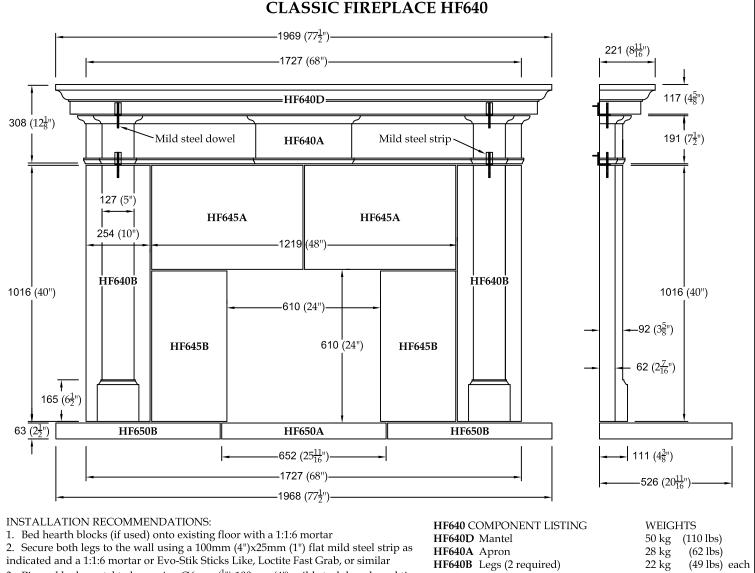
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TECHNICAL SPECIFICATION SHEET

M33

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3. Pin and bed mantel to legs using \emptyset 6mm ($\frac{1}{4}$ ") 100mm (4") mild steel dowels and tie to wall with 100mm (4")x25mm (1") flat mild steel strip as indicated and a 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab, or similar

4. Pin and bed mantelshelf to mantel using Ø6mm $\binom{1}{4}$ ") 100mm (4") mild steel dowels and tie to wall with 100mm (4")x25mm (1") flat mild steel strip as indicated and a 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab, or similar

Plug and screw mild steel strips using 50mm (2") No. 10 countersunk screws

Position and secure slips (if used) to suit site conditions. Slips not designed for use in conjunction with open fires unless backed by a suitable fire-resistant construction Suitable heat resistant floor to be supplied by others

BEDDING JOINTS - Use 1:1:6 cement/lime/sand mortar

POINTING - Joints should be pointed using our proprietary TecStone pointing mix in accordance with the recommended instructions

Please advise your requirements for TecStone pointing mix, if any, at time of placing order

Or use 1:1:6 cement/lime/sand colour-toned to suit (white cement may be necessary)

All dimensions exclude joints - allow 6mm $\left(\frac{1}{4}\right)$ for vertical and bedding joints

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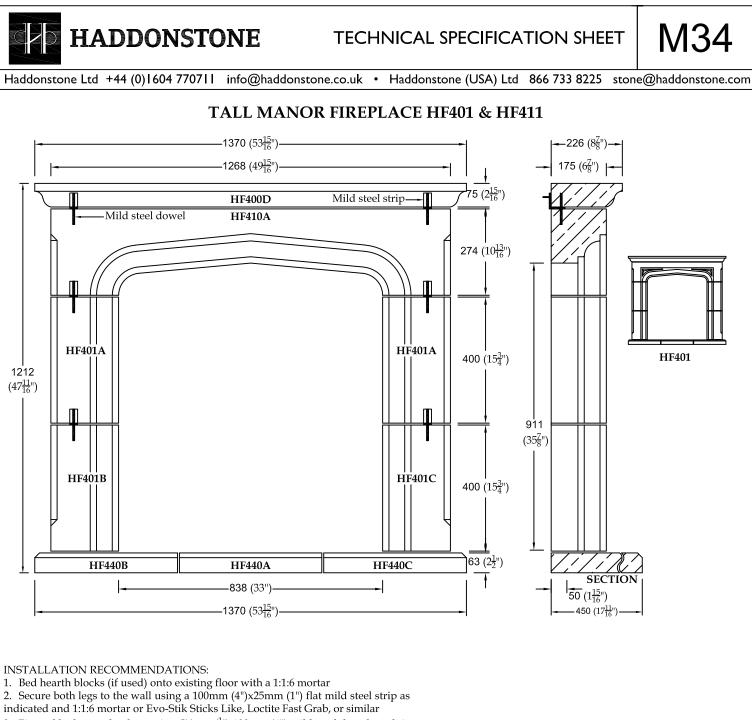
HF645 COMPONENT LISTINGHF645ASlip mantel (2 required)HF645BSlip leg (2 required)21 kg(64 lbs) eachHF650 COMPONENT LISTINGHF650AHearth centre piece32 kg(71 lbs)HF650BHearth end piece (2 required)32 kg(71 lbs)

Unless otherwise stated, all materials other than stonework to be supplied by others

X980A Fireplace installation pack available separately (see price list for details)

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3. Pin and bed mantel to legs using \emptyset 6mm ($\frac{1}{4}$ ") 100mm (4") mild steel dowels and tie to wall with 100mm (4")x25mm (1") flat mild steel strip as indicated and a 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab, or similar

4. Pin and bed mantelshelf to mantel using Ø6mm $\binom{1}{4}$ 100mm (4") mild steel dowels and 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab, or similar

Plug and screw mild steel strips using 2" No. 10 countersunk screws

BEDDING JOINTS - Use 1:1:6 cement/lime/sand mortar

POINTING - Joints should be pointed using our proprietary TecStone pointing mix in accordance with the recommended instructions

Please advise your requirements for TecStone pointing mix, if any, at time of placing order

Or use 1:1:6 cement/lime/sand colour-toned to suit (white cement may be necessary)

All dimensions exclude joints - allow 6mm $(\frac{1}{4})$ for vertical and bedding joints

HF401 COMPONENT LISTING HF400A Mantel HF401B Left hand leg HF401C Right hand leg HF401A Plain ended leg (2 required) HF400D Mantelshelf	WEIGHTS 97 kg (214 lbs) 29 kg (64 lbs) 29 kg (64 lbs) 29 kg (64 lbs) 29 kg (64 lbs) each 48 kg (106 lbs)
HF440 COMPONENT LISTING	

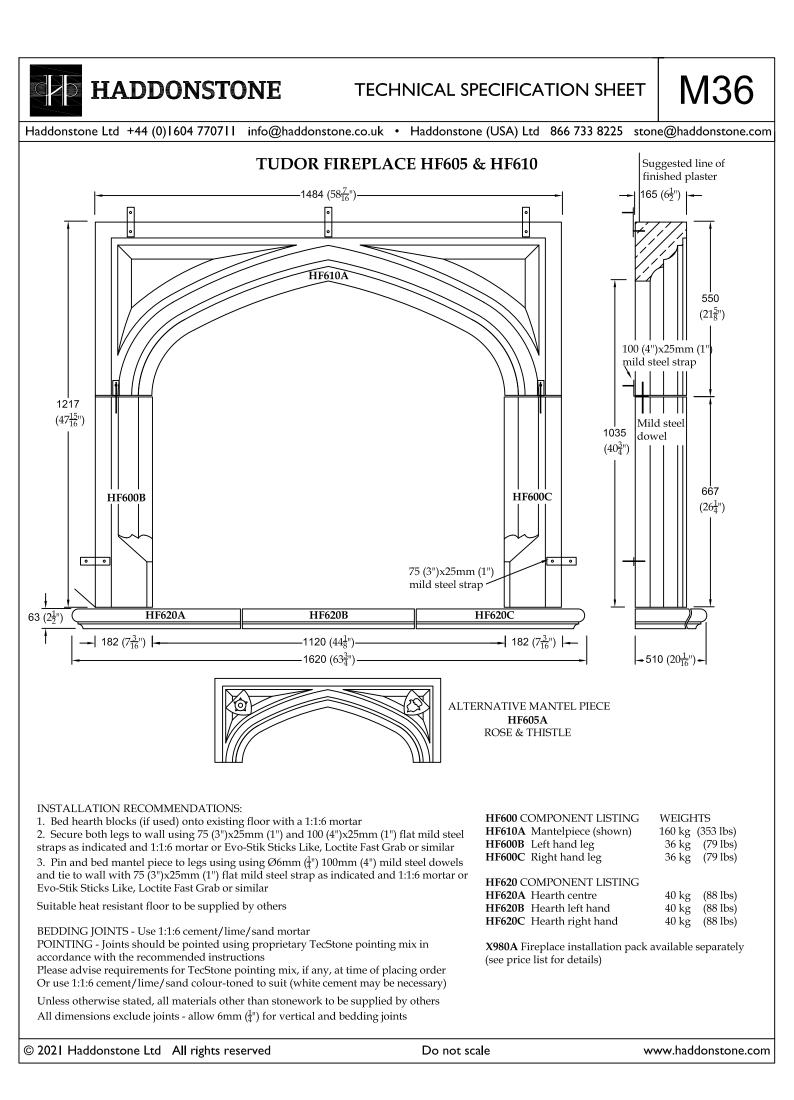
HF440A	Hearth centre piece	28 kg	(62 lbs)
HF440B	Hearth left hand end piece	28 kg	(62 lbs)
HF440B	Hearth righ hand end piece	28 kg	(62 lbs)
HF4A	Back Hearth	46kg	(101 lbs)

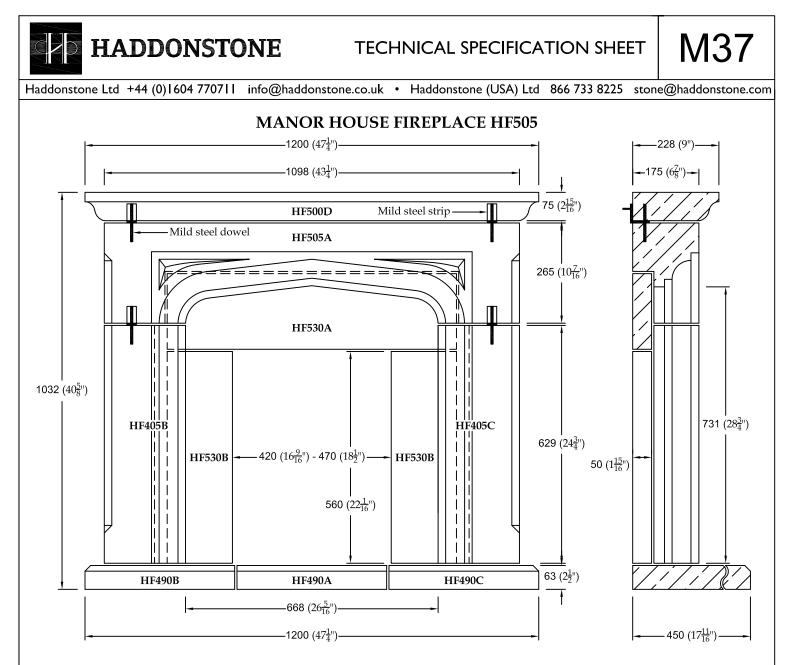
Unless otherwise stated, all materials other than stonework to be supplied by others

X980A Fireplace installation pack available separately (see price list for details)

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INSTALLATION RECOMMENDATIONS:

Bed hearth blocks (if used) onto existing floor with a 1:1:6 mortar
Secure both legs to the wall using a 100mm (4")x25mm (1") flat mild steel strip as indicated and a 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab, or similar
Pin and bed mantel to legs using Ø6mm (¹/₄") 100mm (4") mild steel dowels and tie to wall with 100mm (4")x25mm (1") flat mild steel strip as indicated and a 1:1:6 mortar or Evo-Stik Sticks Like, Loctite Fast Grab, or similar

4. Pin and bed mantelshelf to mantel using \emptyset 6mm ($\frac{1}{4}$ ") 100mm (4") mild steel dowels and 1:1:6 mortar or Evo- Sticks Like, Loctite Fast Grab, or similar

Plug and screw mild steel strips using 2" No. 10 countersunk screws

Position and secure slips (if used) to suit site conditions. Slips not designed for use in conjunction with open fires unless backed by a suitable fire-resistant construction. Suitable heat resistant floor to be supplied by others

BEDDING JOINTS - Use 1:1:6 cement/lime/sand mortar

POINTING - Joints should be pointed using our proprietary TecStone pointing mix in accordance with the recommended instructions

Please advise requirements for TecStone pointing mix, if any, at time of placing order Or use 1:1:6 cement/lime/sand colour-toned to suit (white cement may be necessary)

All dimensions exclude joints - allow $6mm(\frac{1}{4})$ for vertical and bedding joints

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HF505 COMPONENT LISTING HF505A Mantel (for slips) HF405B L/H Leg (for slips) HF405C R/H Leg (for slips) HF500D Mantelshelf HF530 COMPONENT LISTING

HF530 COMPONENT LISTING HF530A Slip mantel HF530B Slip leg (2 required)

HF490 COMPONENT LISTING HF490A Hearth centre HF490B Hearth L/H HF490C Hearth R/H 24 kg (53 lbs) 24 kg (53 lbs) 24 kg (53 lbs) 24 kg (53 lbs)

WEIGHTS 74 kg (163

44 kg

44 kg

42 kg

17 kg

10 kg

(163 lbs)

(97 lbs)

(93 lbs)

(37 lbs)

(97 lbs) each

(22 lbs) each

Unless otherwise stated, all materials other than stonework to be supplied by others

X980A Fireplace installation pack available separately (see price list for details)

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FIREPLACE ASSEMBLY RECOMMENDATIONS

To be read in conjunction with relevant Fireplace Tech Sheets and Pointing Recommendations. Each fireplace is typically supplied in component form: ie legs, mantel, mantel shelf, optional hearth blocks and optional slip blocks. Shown is the Manor House Chimney Piece HF505. Unless otherwise stated, all materials other than the stonework are to be supplied by others. Consult a qualified builder or installer to ensure all relevant Building Regulations/Codes are adhered to prior to installation of a fireplace.



The hearth blocks should be bedded on a suitable base using a 1:1:6 cement/lime/sand mortar. All joints would normally be 6mm (¼") with the mortar slightly recessed from the surface of the stonework to allow for pointing after the fireplace is installed.



Attach mantel to wall using 100 x 25mm (4" x 1") mild steel straps and pin and bed mantel to legs using 6mm \emptyset (¼") 100mm (4") long mild steel dowels on a 1:1:6 cement/lime/sand mortar. Repeat this process for the mantel shelf.



Mark out the required position of the fireplace legs and the optional slips to suit your fireplace and fire opening. Attach both legs to wall using 100 x 25mm (4" x 1") mild steel straps as shown and bed on 1:1:6 cement/lime/ sand mortar. Install the slip blocks with a proprietary resin mortar at the required spacing.



The fireplace is then ready for pointing. For details refer to the Pointing Recommendations Sheet.

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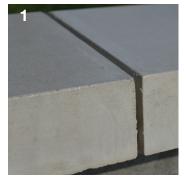
The Forge House, East Haddon, Northampton NN6 8DB, England Telephone: 01604 770711 Fax: 01604 770027 info@haddonstone.co.uk

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32207 United Avenue, Pueblo, CO 81001, USA Telephone: 719 948 4554 Fax: 719 948 4285 stone@haddonstone.com

TECSTONE POINTING RECOMMENDATIONS

Required: pointing mix, pointing trowel, masking tape (if required), mixing bowl, water, sponge. Please note: all text and photographs relate to TecStone pointing mix.



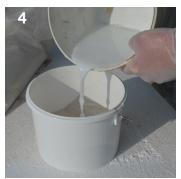
Before pointing ensure each 6mm ($V_4^{\prime\prime\prime}$) joint is free from loose particles. Avoid pointing in extreme conditions, particularly wet and cold.



The TecStone pointing mix is supplied as separately bagged cement and aggregate with an information leaflet.



The cement and aggregate should first be mixed together dry in the ratio of 1 part cement to 4.5-6.5 parts aggregate.



Carefully add small quantities of water to the TecStone pointing mix, mixing thoroughly to ensure the water is fully dispersed. *See note below.



The TecStone pointing mix is ready to use when it has the consistency of putty. *See note below.



Scoop the mix into the joint, pressing with a trowel to ensure an even fill.



Smooth the pointing mix to the profile of the stone, removing any excess pointing mix.



Wipe over the surface of the joint and surrounding area with a dampened sponge to remove all surplus pointing material off the surrounding areas and ensure a flush finish to the joint.



If necessary trowel over the joint once more to ensure a flush finish.



Any mix residue may be rubbed away with fine abrasive paper 2-3 days after completion.



The finished joint.

* NOTE: It would be advantageous to use a waterproofing additive in the mixing water (SBR or other proprietary mortar admixture). The use of too much water can lead to the pointing mix colour and texture becoming unsightly, and the possibility of the mix bleeding into the adjacent cast stone.

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