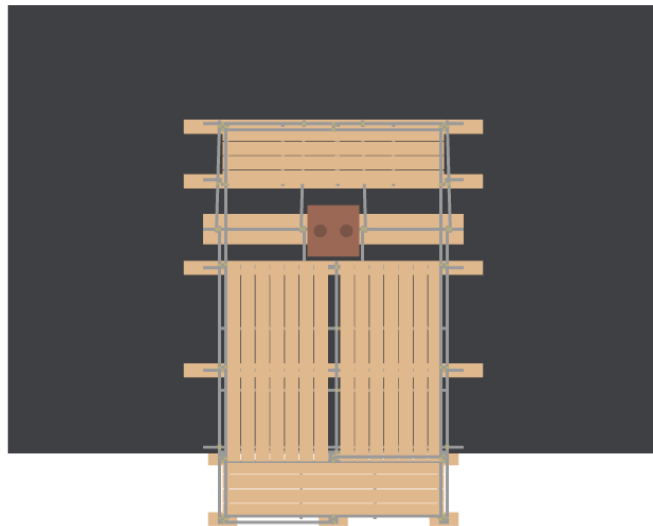
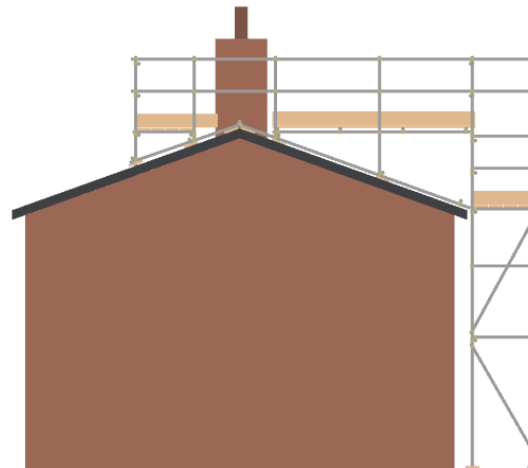
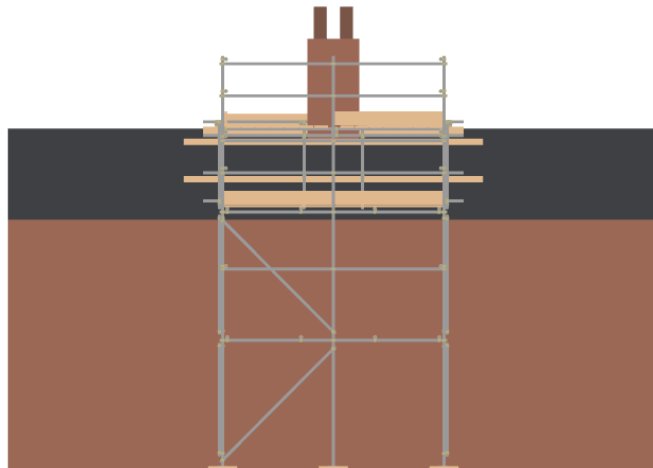


TG20:21 compliance sheet

A scaffold for providing access to a chimney stack, in accordance with TG20:21 chapter 16.



Wind factor
21

LOW

Maximum
bay length

2 metres

Maximum
boards wide

4

Maximum
loading

1.5 kN/m²

Maximum
leg load

2.9 kN

i The illustration is for a typical arrangement.

The actual configuration of scaffolding will depend on the roof and chimney dimensions.

Sign-off

Contract no:
Domestic Chimney Scaffold

Client:
KMS Scaffolding

Site reference:
Bury St Edmunds, Bury Saint
Edmunds, Suffolk

Scaffold reference:
Demo Chimney

Company:
KMS Scaffolding Ltd

NASC membership no:
Not an NASC member

Prepared by:

Position:

Signature:

Date:
27/02/2023

Checked by:

Position:

Date:
27/02/2023

Construction

- ✓ Constructed from type 4 galvanised steel or TG20 compliant high-tensile steel tubes.
- ✓ Maximum bay length 2.0 metres. Maximum width: four boards.
- ✓ Maximum transom spacing: 1.2 metres.
- ✓ Access provided by a tower or independent facade scaffold supported by its own foundations.
- ✓ Loads should be supported by the ground level as far as possible to limit the load supported by the roof.
- ✓ Maximum of one lift supported by the roof for chimneys at the ridge.
- ✓ Standards supported by the roof must be placed on bearing boards spanning at least two rafters.
- ✓ The standards should be connected with a horizontal tube above the bearing boards to prevent them penetrating the boards.
- ✓ Protected at the perimeter with double guard rails and toe boards.
- ✓ A triple guard rail may be provided at the access tower to provide additional fall protection.
- ✓ Plan bracing should be provided under the walkway if it is more than one bay in length.
- ✓ The access scaffold should be tied to the roof structure at the eaves to minimise the height of the projecting tower.
- ✓ Alternatively the tower may be buttressed with fully triangulated rakers and butting transoms at the 4.0 metre lift position.
- ✓ If the tower is erected between buildings the ties may be omitted and the tower securely butted between opposing walls.
- ✓ The scaffolding boards should be secured at the saddle and walkway to prevent uplift or movement.
- ✗ The scaffold may not be clad with sheeting or debris netting, or have a sign board fixed above the topmost tie level.



Loading

- ✓ Maximum working load 1.5 kN/m² (load class 2, light duty).
- ✓ Maximum leg load 2.9 kN, to be supplied to the client for foundation design.
- ! The responsibility for the adequacy of the roof to support the scaffold must be established before work commences. A structural engineer may be required to check its integrity.

Add-on features

- ✓ A gin wheel may be used to a maximum of 50 kg.
- ✗ No other add-on features are permitted without design advice.

Wind factor
21

LOW

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2 metres

Maximum
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Maximum
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1.5 kN/m²

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