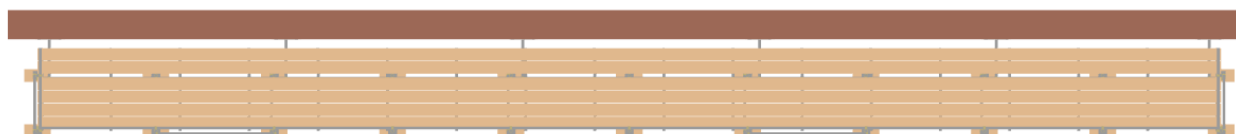
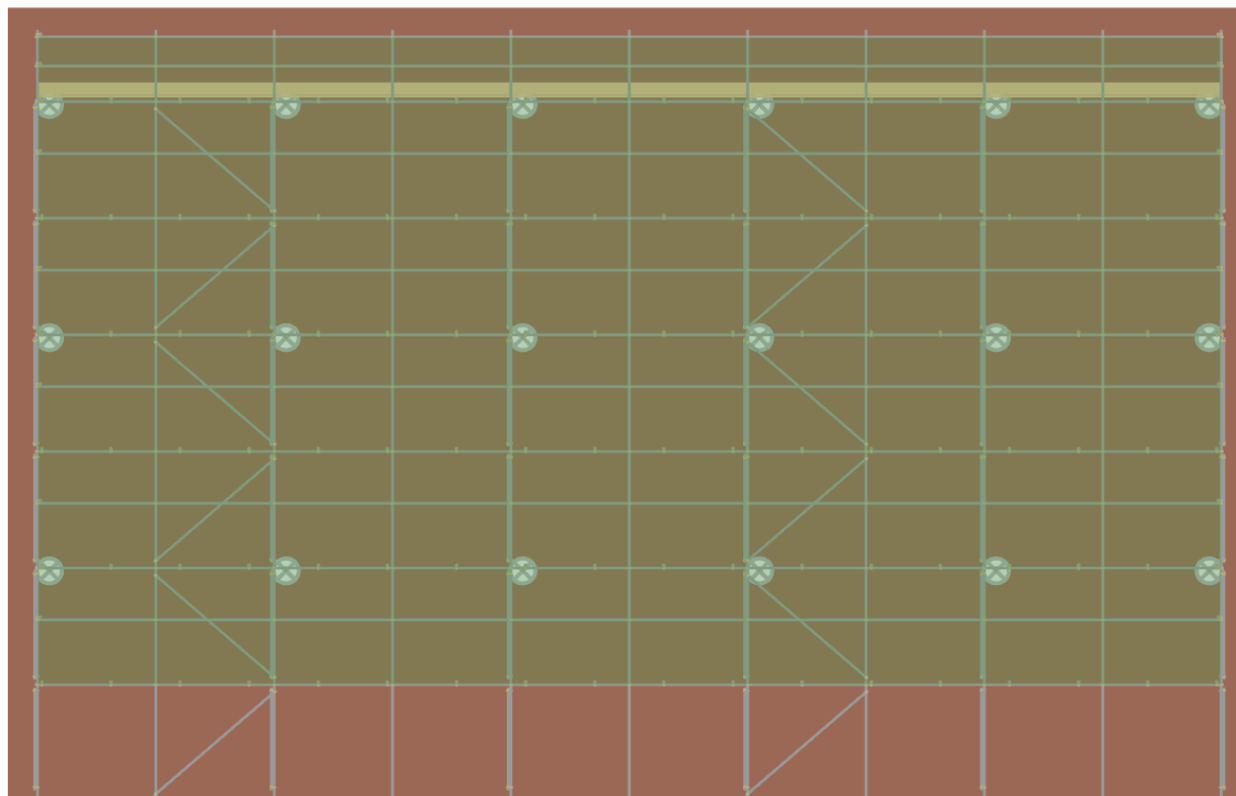


TG20:21 compliance sheet

A tied independent tube and fitting scaffold in accordance with TG20:21 chapters 06 and 07.



Wind factor
20

LOW

Maximum
height

12 metres

Maximum
boarded lifts

1

Maximum
lift height

2 metres

Maximum
bay length

2 metres

Maximum
boards wide

4 + 2

Maximum
loading

2.0 kN/m²

Tie load
Very light duty

2.2 kN

Maximum
leg load

7.6 kN

Sign-off

Contract no:

11274

Client:

Watson Homes Limited

Site reference:

Levenshulme Road, Manchester,
Greater Manchester, M18

Scaffold reference:

Company:

APE Scaffolding Ltd

NASC membership no:

61050

Prepared by:

Nathan Hardman

Position:

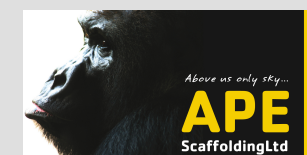
Contracts Estimator

Signature:

N. Hardman

Date:

14/07/2023



Construction

- ✓ Constructed from TG20 compliant high-tensile steel tubes.
- ✓ Maximum 1 boarded lift and 5 unboarded lifts permitted.
- ✓ Maximum transom spacing: 1.2 metres.
- ✓ Facade braced every 6 bays per elevation.
- ✓ Ledger braced at alternate standards and end frames.
- ✓ Double guard rails and toe boards at boarded lifts. Single guard rails at unboarded lifts.
- ✓ Internal edge protection may be provided where required.
- ✓ Fully or partially clad with high-permeability debris netting.



Loading

- ✓ One lift loaded to 2.0 kN/m² (load class 3, general purpose) plus one lift 50% loaded per facade.
- ✓ Maximum inside board loading 0.75 kN/m² at the working lift.
- ✓ Maximum leg load 7.6 kN, to be supplied to the client for foundation design.
- ! This scaffold includes add-ons with additional leg loads stated on their TG20 compliance sheets.

Ties

- ✓ Tied at alternate lifts to TG20 tie pattern A and at the top lift at ledger braced standards with 2.2 kN (very light duty) ties.
- ✓ Tie tubes may be connected to the inner face of the scaffold. Additional sway resistance should be provided (TG20 section 7.9).
- ✗ The facade must not have significant openings.

Add-on features

- ✓ A gin wheel may be used to a maximum of 50 kg. The following add-ons are permitted with a TG20 compliance sheet:

☐ Pavement lift	☐ Two bay bridge	☐ Cantilever platform	☐ Loading bay
☐ Cantilever fan	☐ Three bay bridge	☐ Hop-up brackets	☒ Ladder-access tower

Sign-off

Contract no:

11274

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Watson Homes Limited

Site reference:

Levenshulme Road, Manchester,
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Scaffold reference:

Company:

APE Scaffolding Ltd

NASC membership no:

61050

Prepared by:

Nathan Hardman

Position:

Contracts Estimator

Signature:

Date:

14/07/2023

Wind factor
20

LOW

Maximum
height

12 metres

Maximum
boarded lifts

1

Maximum
lift height

2 metres

Maximum
bay length

2 metres

Maximum
boards wide

4 + 2

Maximum
loading

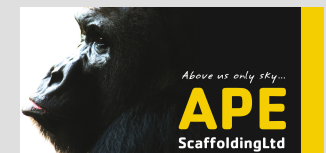
2.0 kN/m²

Tie load
Very light duty

2.2 kN

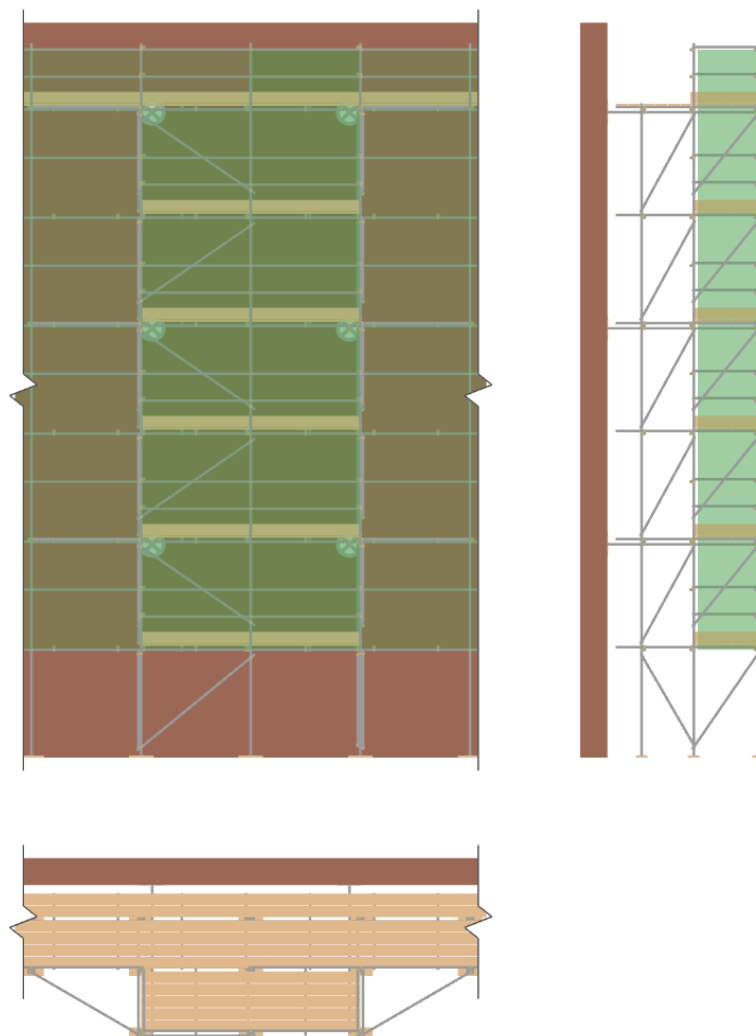
Maximum
leg load

7.6 kN



TG20:21 compliance sheet

An external ladder access tower for a TG20 compliant tied independent scaffold, to TG20:21 chapter 08.



Sign-off

Contract no:

11274

Client:

Watson Homes Limited

Site reference:

Levenshulme Road, Manchester,
Greater Manchester, M18

Scaffold reference:

Company:

APE Scaffolding Ltd

NASC membership no:

61050

Prepared by:

Nathan Hardman

Position:

Contracts Estimator

Signature:

Date:

14/07/2023

Wind factor
20

Low

Maximum
height

12 metres

Maximum
boarded lifts

6

Maximum
lift height

2 metres

Maximum
bay length

2 metres

Boards wide

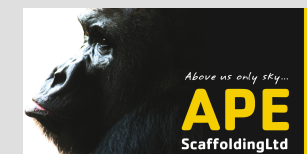
3 - 5

Tie load
Very light duty

2.4 kN

Maximum
leg load

15.3 kN



Ladder-access tower specification

- ✓ Suitable for a load class 3 TG20 compliant tied independent scaffold of maximum 12 m height to the top lift.
- ✓ Designed to support up to six lifts simultaneously loaded with personnel to a maximum load of 1.0 kN/m².
- ✗ Must not be used for the storage of materials.

Loading

- ✓ Maximum leg load 15.3 kN, to be supplied to the client for foundation design.

Ties

- ✓ Tied at the end standards at alternate lifts with 2.4 kN (very light duty) ties.
- ✗ The facade must not have significant openings.

Construction

- ✓ Constructed from TG20 compliant high-tensile steel tubes.
- ✓ Maximum length 2 × 2.0 m bays.
- ✓ Maximum transom spacing: 1.2m.
- ✓ Facade braced at the outer face of the tower.
- ✓ Ledger braced at the end faces of the tower.
- ✓ Tie tubes connected to the inner, middle and outer standards or ledgers with right-angle couplers.
- ✓ Wing braced or plan braced at alternate (tied) lifts and the top lift.
- ✓ End transoms connected with right-angle couplers at the top wing-braced lift if it is not tied.
- ✓ Double guard rails and toe boards at boarded lifts.
- ✓ Single guard rails required at unboarded lifts.
- ✓ Fully or partially clad with high-permeability debris netting.

Add-on features

- ✗ Design advice may be required if any add-on features not stated on this compliance sheet are attached to the tower.

Sign-off

Contract no:
11274

Client:
Watson Homes Limited

Site reference:
Levenshulme Road, Manchester,
Greater Manchester, M18

Scaffold reference:

Company:
APE Scaffolding Ltd
NASC membership no:
61050

Prepared by:
Nathan Hardman

Position:
Contracts Estimator

Signature:



Date:
14/07/2023

Wind factor
20

LOW

Maximum
height

12 metres

Maximum
boarded lifts

6

Maximum
lift height

2 metres

Maximum
bay length

2 metres

Boards wide

3 - 5

Tie load
Very light duty

2.4 kN

Maximum
leg load

15.3 kN

