

**Tri-ang**  
Regd. Trade Mark

**ARKITEX**



MODERN BUILDING EQUIPMENT

HANDBOOK  
&  
CATALOGUE

OF KITS & ACCESSORIES

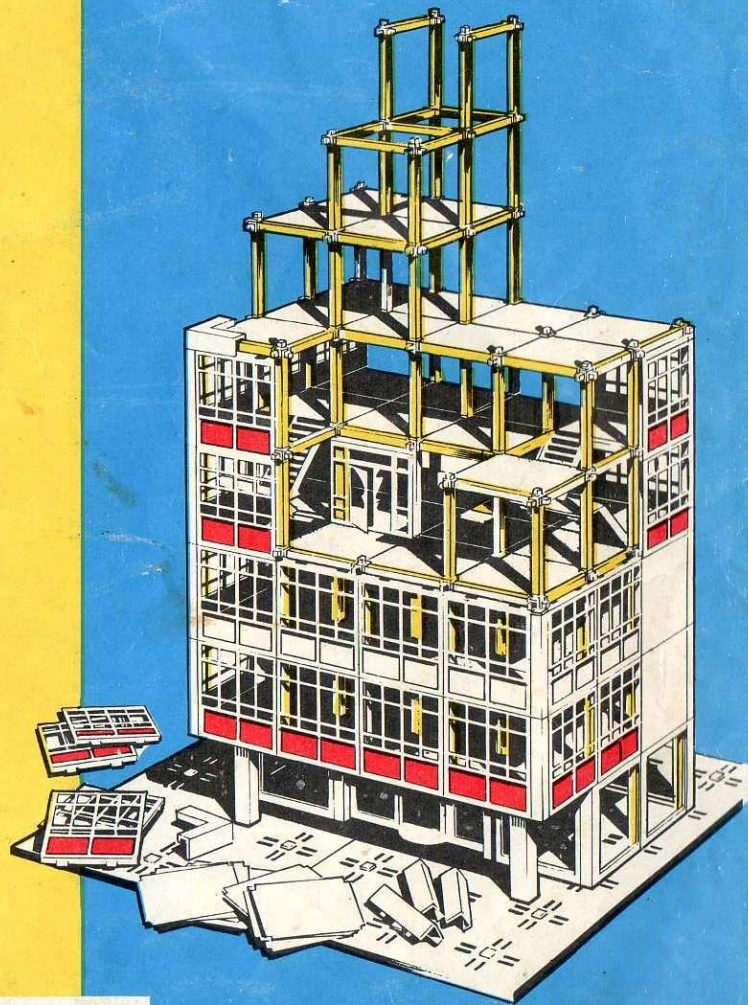
$\frac{1}{42}$

*and*

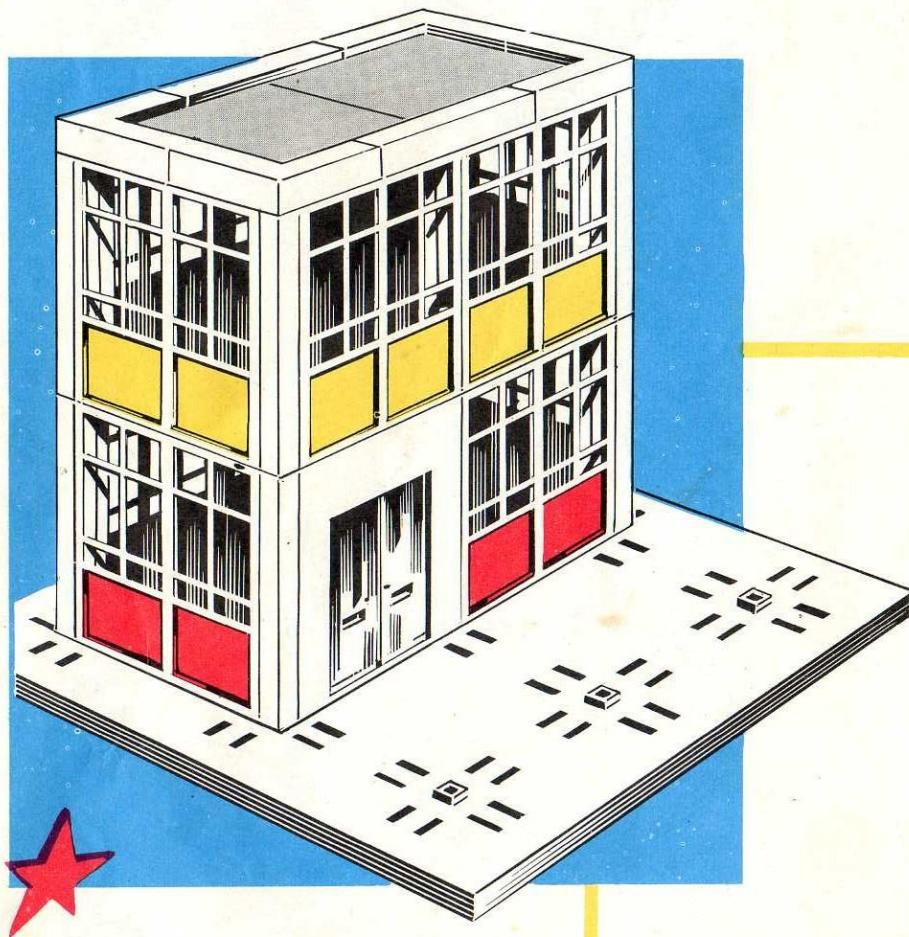
00

MADE IN

TRUE SCALE







## MODERN BUILDING CONSTRUCTION KITS

Tri-ang Arkitex modern building equipment is a true to scale modern building construction which will appeal to all ages. Simple self locking parts, moulded in high impact Polystyrene—the girder framework is erected on a base and floors are positioned on each storey. Window panels, door panels, plain panels and vertical corners are then dropped into place, followed by the roof edging.

Each kit is complete in itself, and the basic kit enables the builder to complete simple modern buildings. Step by step instructions are given in the manual and details of expansion to each kit from the wide range of spares and accessories is illustrated and explained—allowing for the construction of unlimited variety of buildings from single storey office blocks to towering Skyscrapers.

Would be architects will find these construction kits a perfect outlet for their own ideas—use of the accessories makes possible the erection of more elaborate buildings with overhanging projections and pagoda type roofs etc. Beautiful buildings, practical buildings—buildings of unique and outstanding design—all can be built with the Arkitex Modern Building Equipment.

Tri-ang Arkitex is available in two scales— $\frac{1}{42}$ nd scale which will tie-up with the Spot-On Roadway system and model cars—and '00' Gauge scale which ties up with Tri-ang Railways layouts.

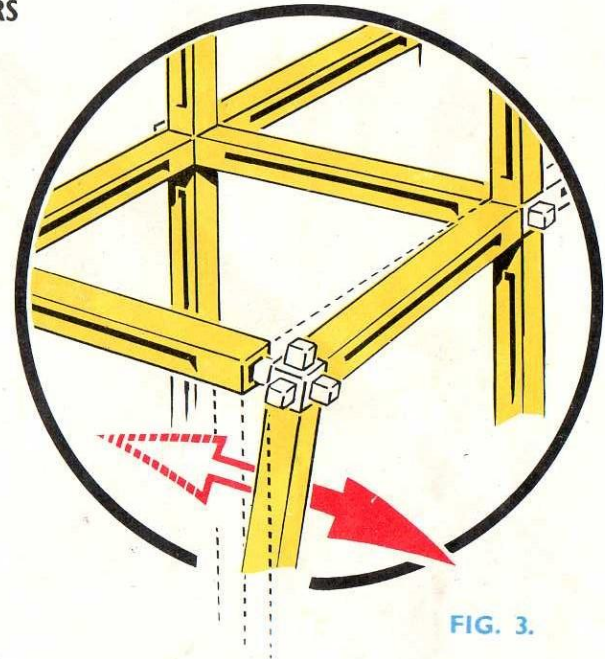
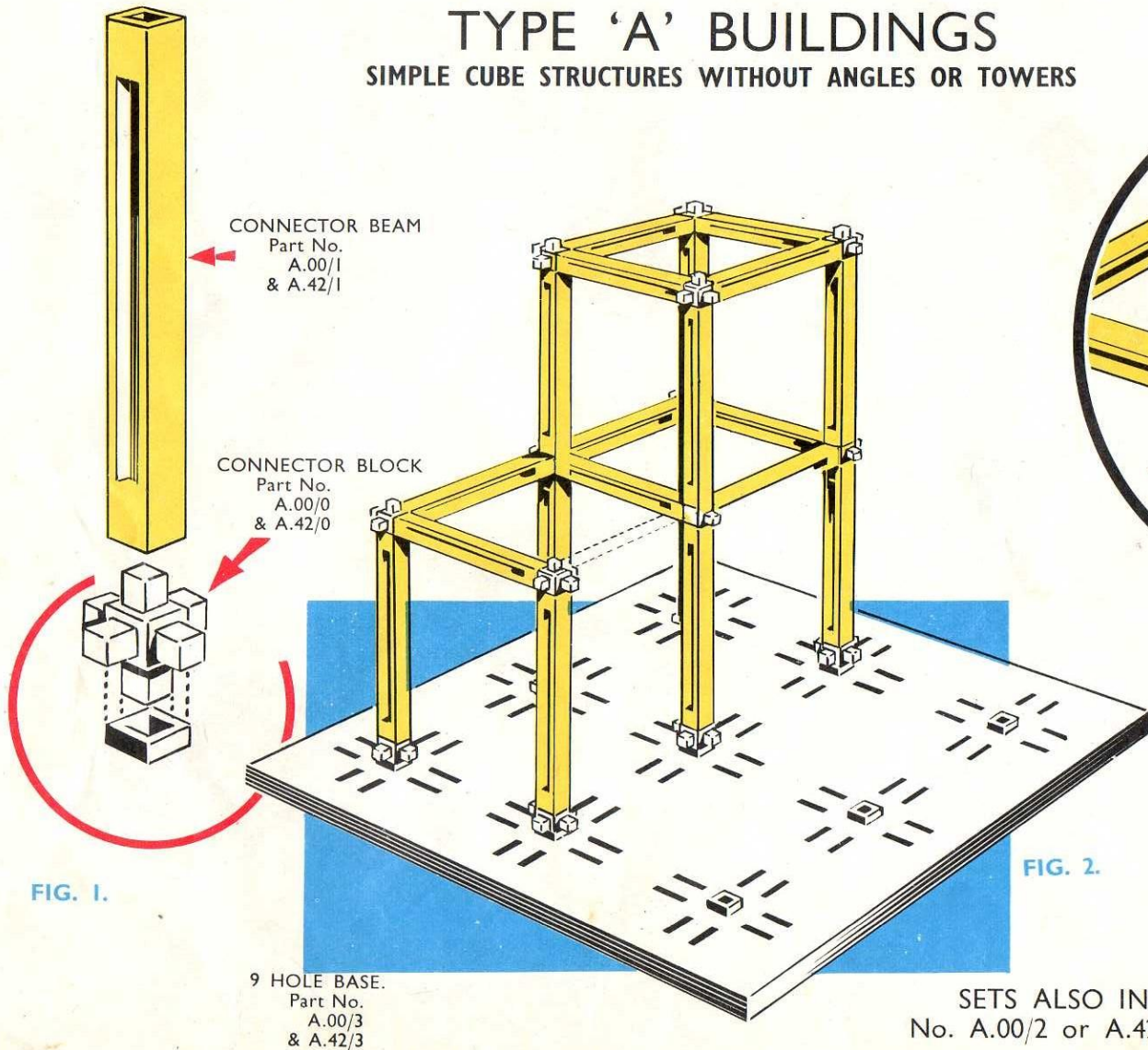
### How to work with ARKITEX

Study carefully the directions given on the following pages and see how easy it is to build with these kits. The illustrations in this handbook have been based on  $\frac{1}{42}$ nd scale, but no difficulty will be found by '00' builders to follow instructions.



# TYPE 'A' BUILDINGS

## SIMPLE CUBE STRUCTURES WITHOUT ANGLES OR TOWERS



### "GIRDER" FRAMEWORK ASSEMBLY

The flexible nature of the girder framework enables additions and alterations to be made without completely dismantling the structure.

SETS ALSO INCLUDE 3 HOLE BASE UNITS  
No. A.00/2 or A.42/2 TO INCREASE FLOOR AREA.



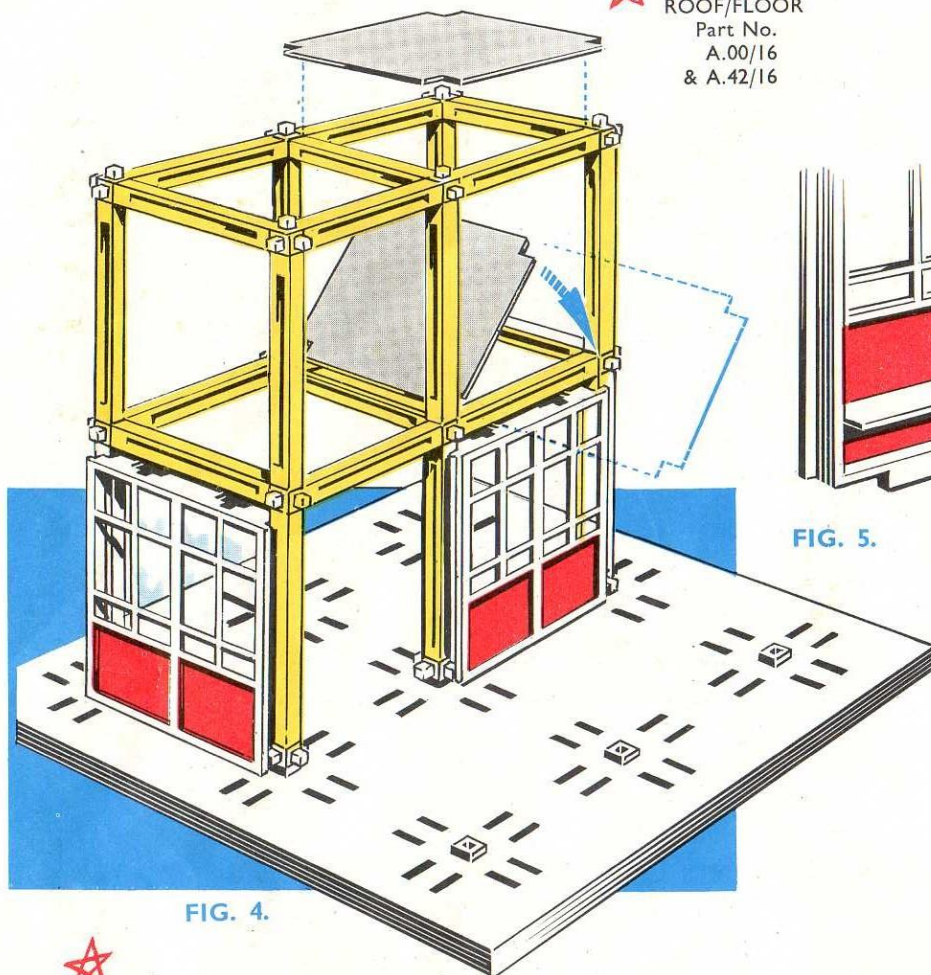


FIG. 4.



Place floor and roof units into position after all girder framework is completed, as illustrated above.

Window frames must be fitted with 'Glass' and coloured panels before assembling into structure.



ROOF/FLOOR  
Part No.  
A.00/16  
& A.42/16

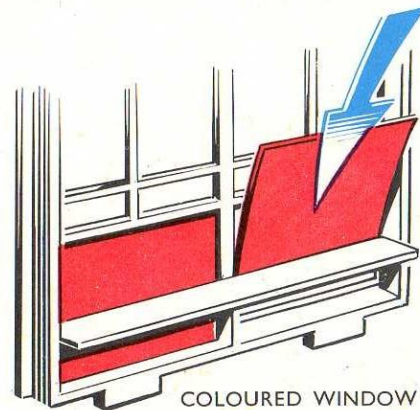


FIG. 5.

COLOURED WINDOW PANELS  
Part No. A.00/20 & A.42/20

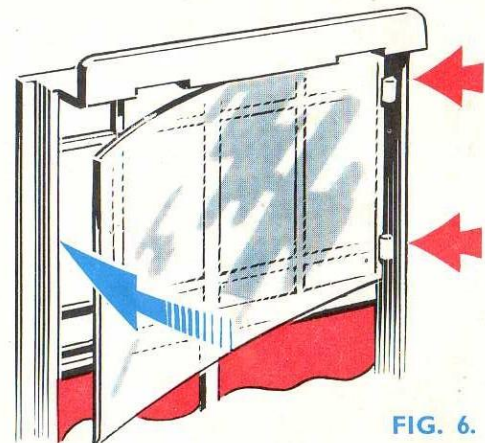


FIG. 6.

TRANSPARENT WINDOWS  
Part No. A.00/19  
& A.42/19

Fix these behind the  
4 retaining tongues  
on the inside of the  
frame.

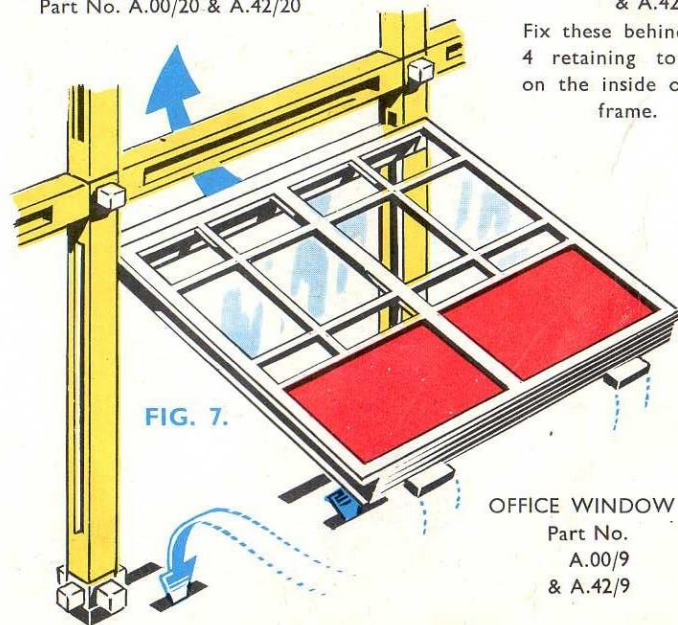


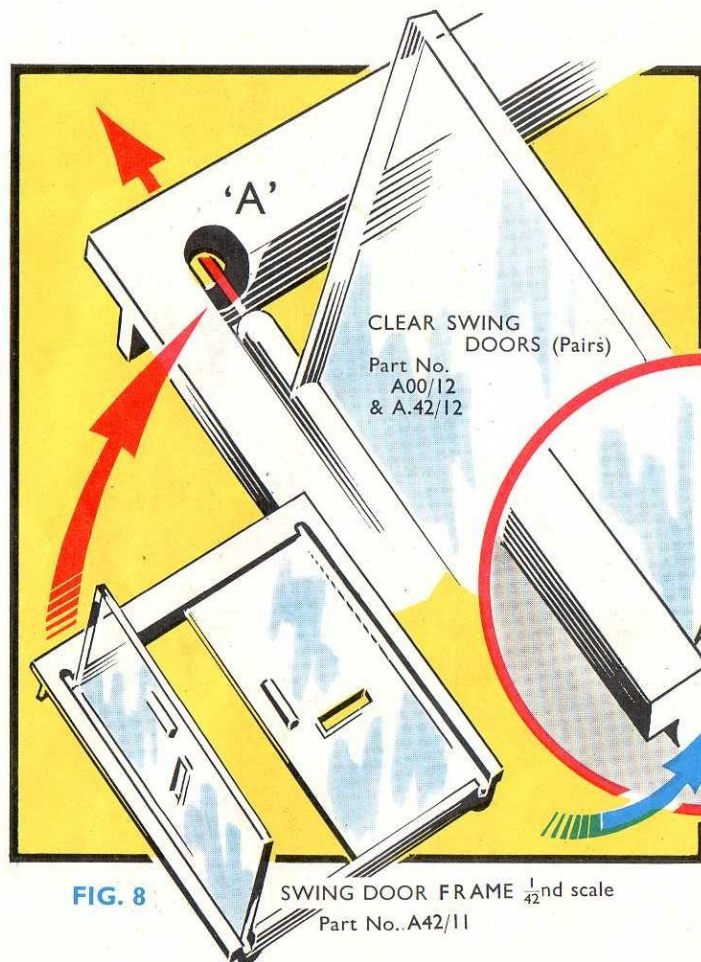
FIG. 7.

OFFICE WINDOW 'A' type  
Part No.  
A.00/9  
& A.42/9

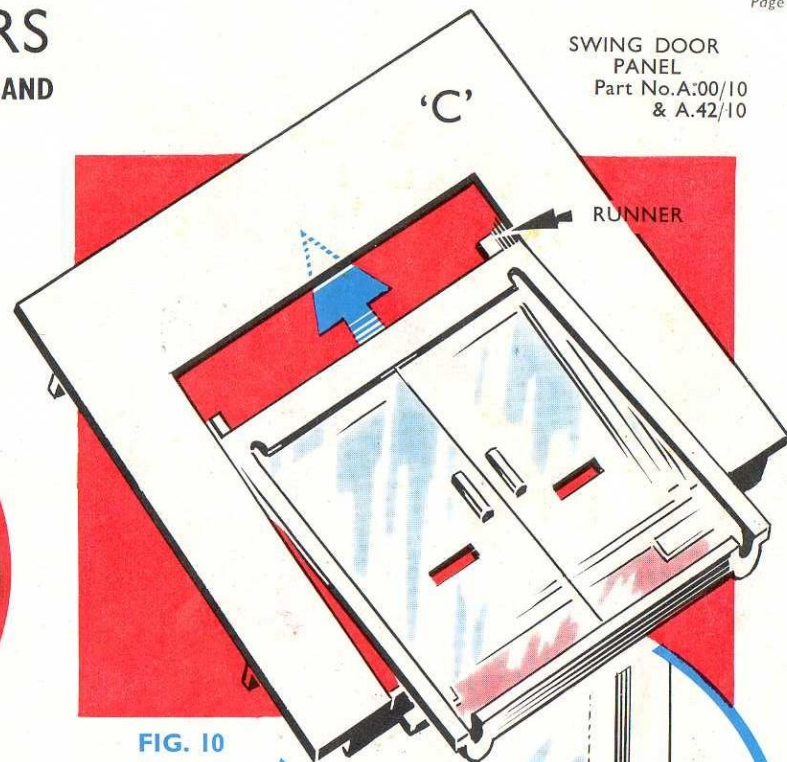
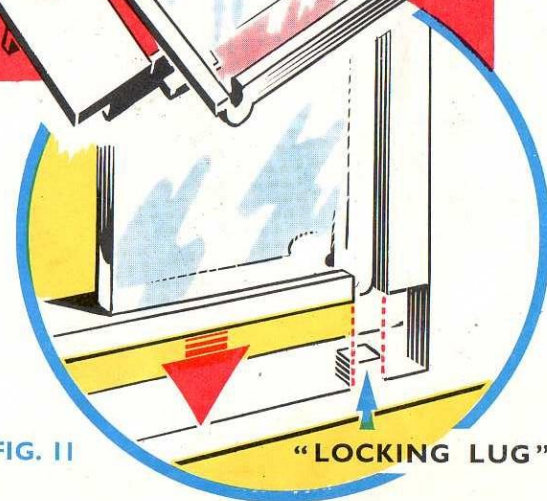


# DOORS

## MAKING UP AND FITTING

**FIG. 9**

00 SCALE SWING DOOR PANEL  
Part No. A.00/10.  
Made up in a similar way but with  
holes in place of slots

**FIG. 11**

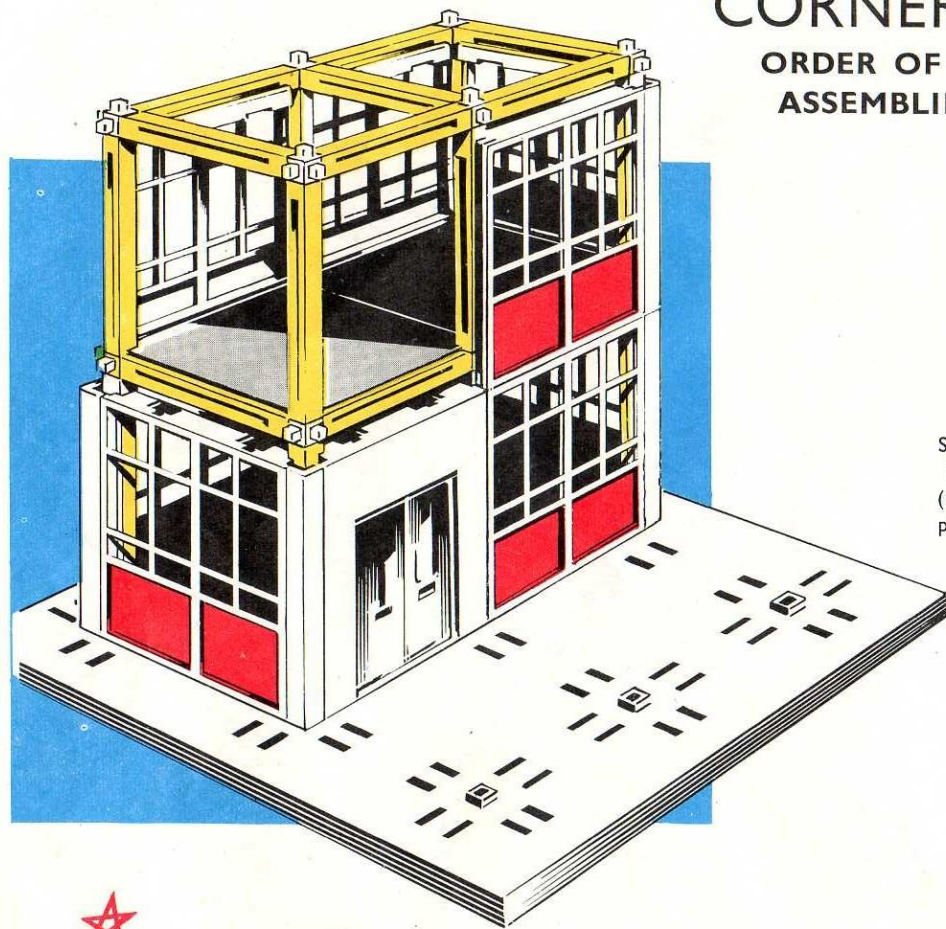
To assemble the swing door set ( $\frac{1}{42}$ nd Scale only).

The long pin on the 'glass' door must be inserted into the hole marked 'A' at the top of the door frame. Push in far enough to allow the short pin to drop into the slot at the bottom of the frame 'B' (Fig. 9). Repeat operations for other door. Close doors together and slide this assembled unit into the main door panel 'C' using the 'runners' as a guide. (Fig. 10). When it is resting squarely on the runners, drop the unit down to position the short pins behind the locking lugs. (Fig. 11.)



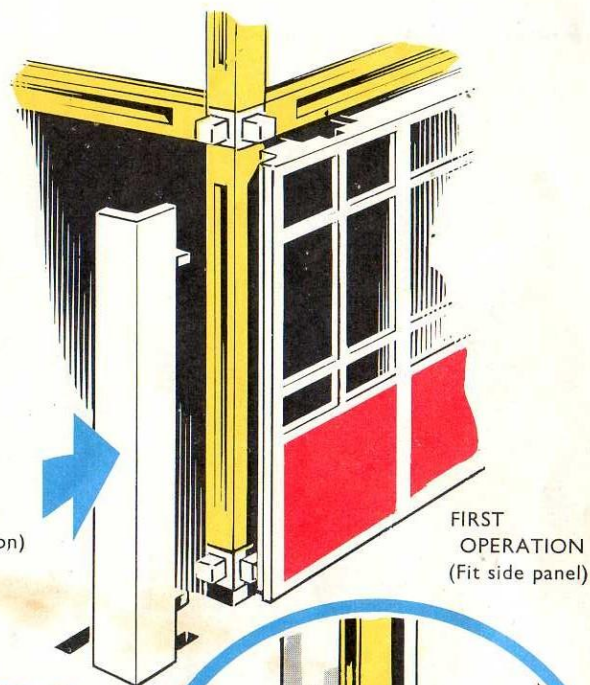
# CORNERS

## ORDER OF ASSEMBLING



VERTICAL  
CORNER  
Part No.  
A.00/13  
& A.42/13

SECOND  
OPERATION  
(Place corner  
piece into position)



FIRST  
OPERATION  
(Fit side panel)

FIG. 12

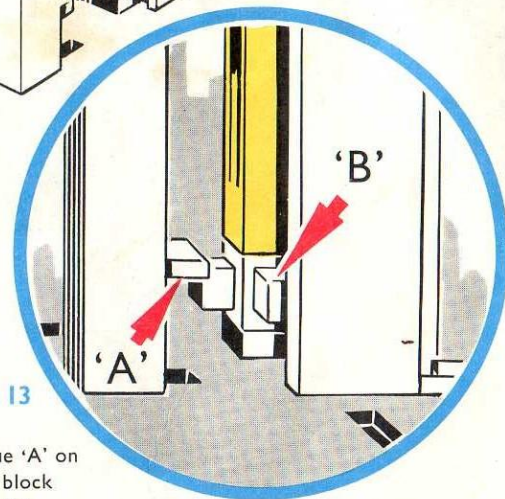


FIG. 13

Rest tongue 'A' on  
connector block  
projection 'B'.



### THE CORRECT WAYS TO ASSEMBLE CORNERS:—

1. Place one side panel (either window, doorway or plain panel) into position in framework.
2. Fit vertical corner piece into place with tongue on connector block (FIG. 13).

# ROOF CORNERS & EDGES

Having reached this stage, you have completed the series of basic operations required to construct any building you wish within the limits of the sets supplied. To increase the range of types and sizes of buildings, an extensive range of accessories have been designed, and are illustrated and explained from page 8 onwards.



FIG. 14

THIRD OPERATION  
(Vertical Corner piece fitting, continued).

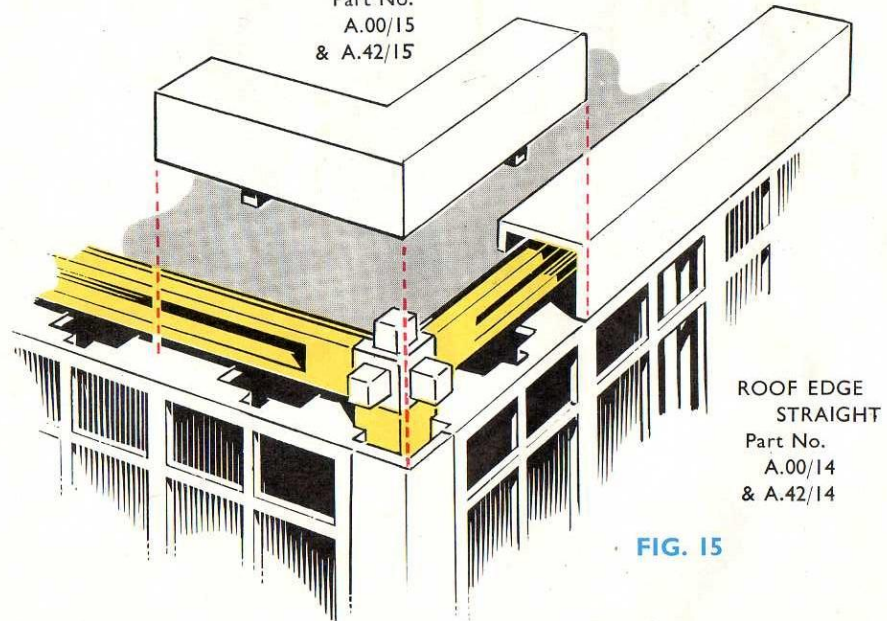
3. Fit second panel into place. This will then lock the vertical corner unit into position and the whole corner assembly will be firm and secure.



Roof edge corners and straight edges drop freely into position as illustrated. (Fig. 15.)

ROOF EDGE CORNER

Part No.  
A.00/15  
& A.42/15



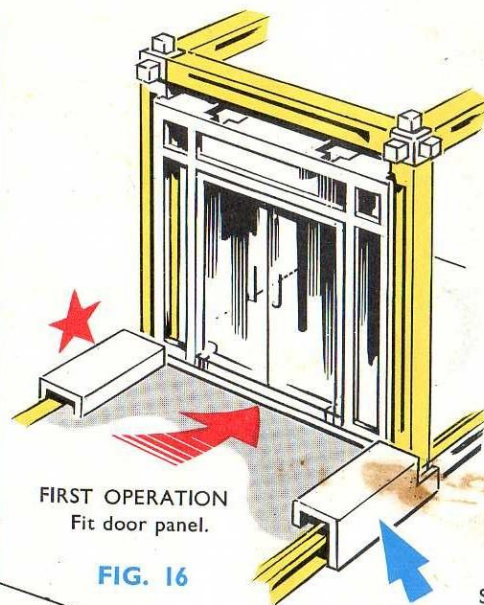
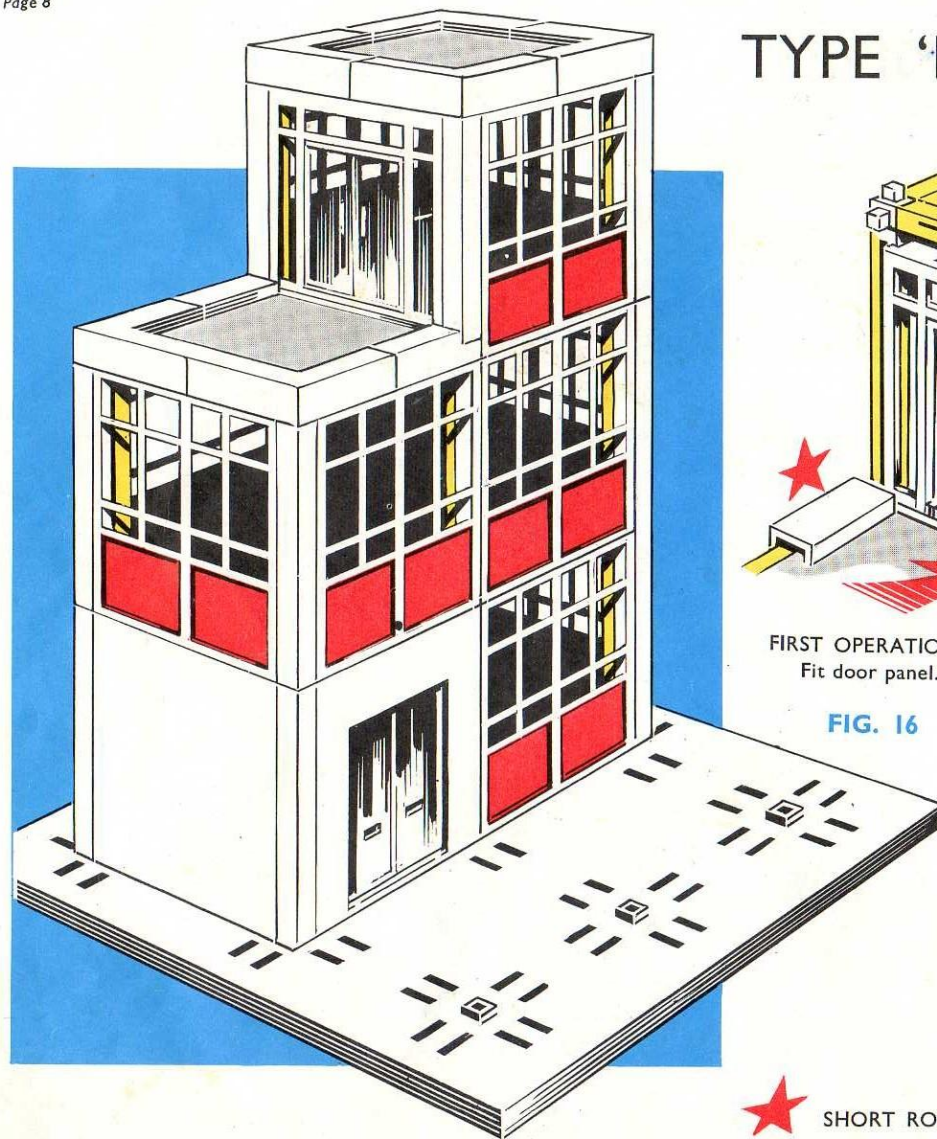
ROOF EDGE  
STRAIGHT

Part No.  
A.00/14  
& A.42/14

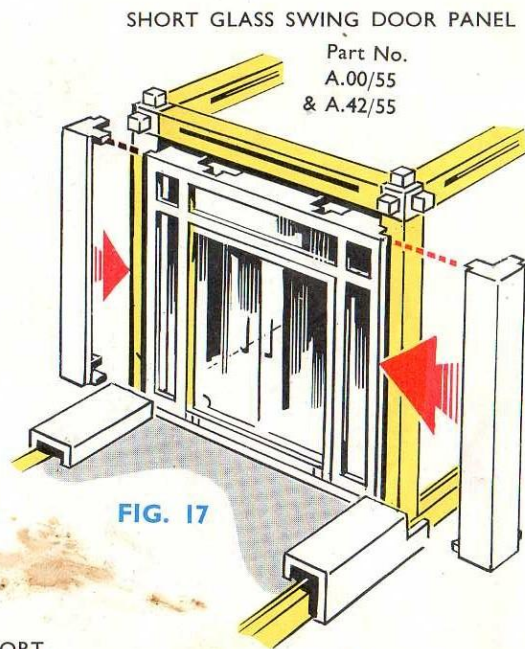
FIG. 15



# TYPE 'B' BUILDINGS



SECOND OPERATION  
Place short straights  
into position.



SHORT  
ROOF STRAIGHT  
(Right hand)  
Part No.  
A.00/62  
& A.42/62

'B' type buildings introduce the 'accessories' range.  
From here onwards more exciting structures may  
be built. It is important that in building these  
extensions, careful attention is paid to the order  
of assembly as advised in the following pages.



SHORT ROOF STRAIGHT (Left hand) Part No. A.00/61 & A.42/61



# ADDING 'PENTHOUSE' or TOWER

FOURTH OPERATION  
Fit side panel

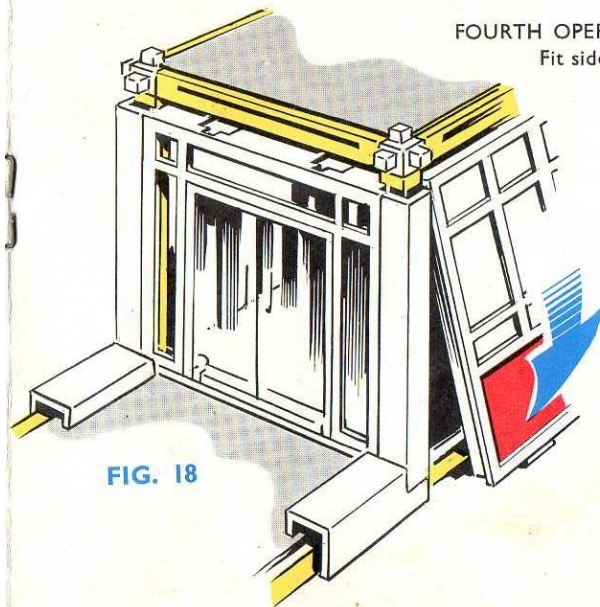
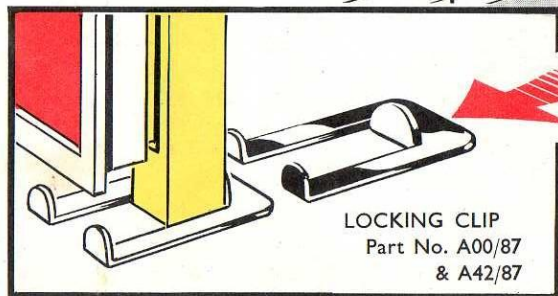


FIG. 18

When width of Penthouse is more than one panel, as in Fig. 19, a clip is needed to secure the bottoms of the panels. Method of fixing this is shown in the illustration below.



LOCKING CLIP  
Part No. A00/87  
& A42/87

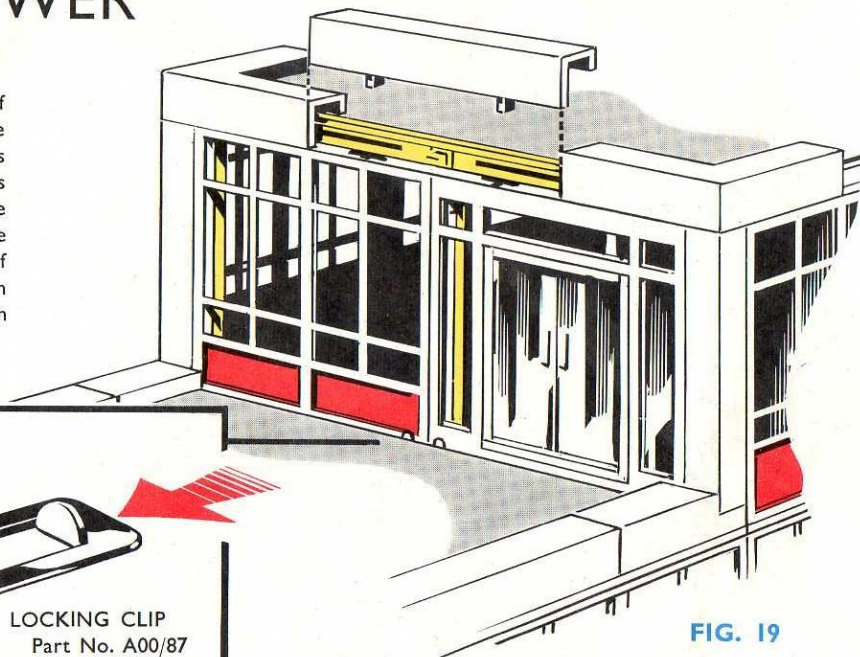
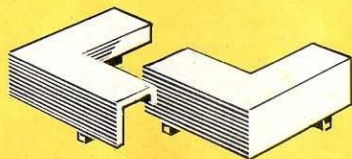
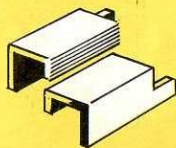


FIG. 19

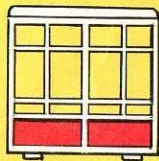
## THESE ARE THE ACCESSORIES NEEDED FOR 'B' TYPE BUILDINGS



1 Pair ROOF CORNERS  
No. A00/15  
& A42/15



2 SHORT ROOF STRAIGHTS  
Left hand No. A00/61 & A42/61  
Right hand No. A00/62 & A42/62



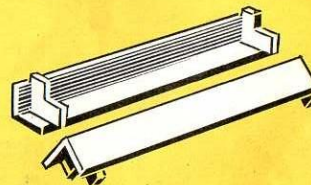
1 SHORT OFFICE WINDOW  
No. A00/31A & A42/31A



1 SHORT SWING DOOR SET  
No. A00/55A & A42/55A

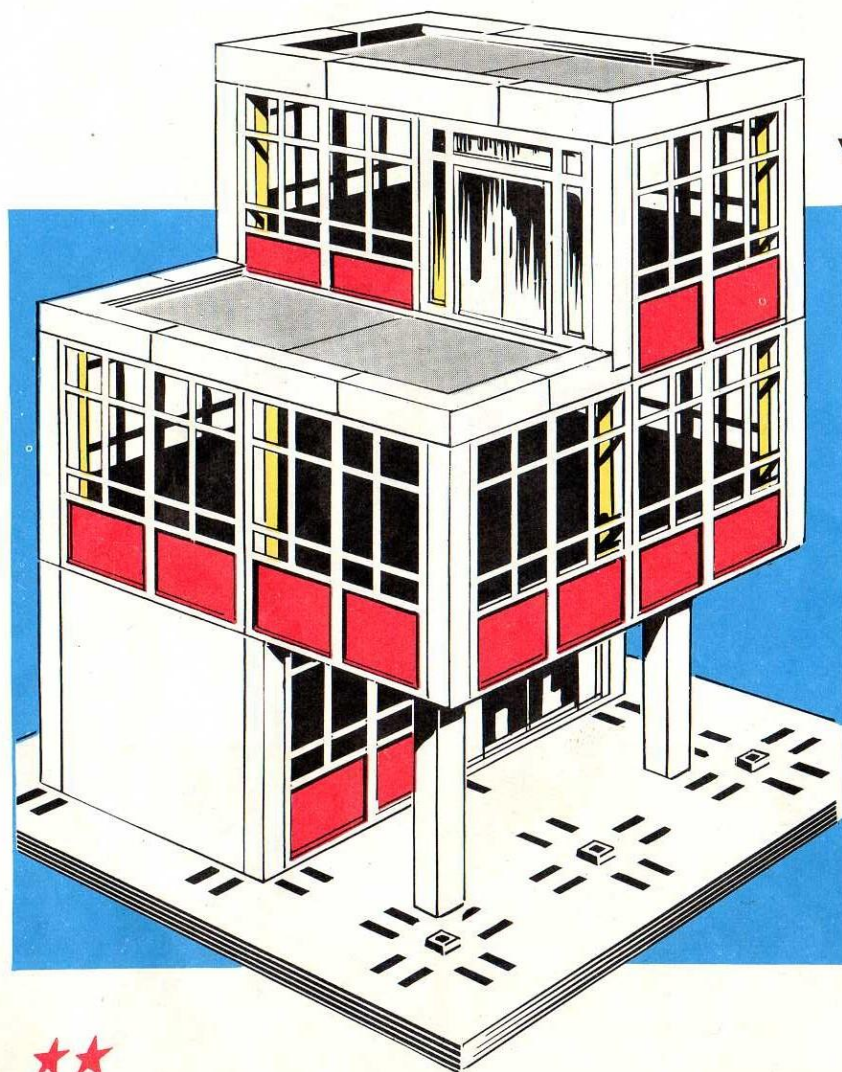


1 LOCKING CLIP  
No. A00/87 &  
A42/87



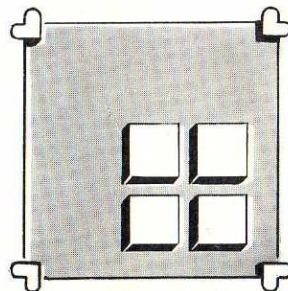
2 SHORT VERTICAL CORNERS  
No. A00/58 & A42/58





## TYPE 'C'

### BUILDINGS WITH OVERHANG



Under view of floor support  
showing alternative fixing  
position for COLUMNS.

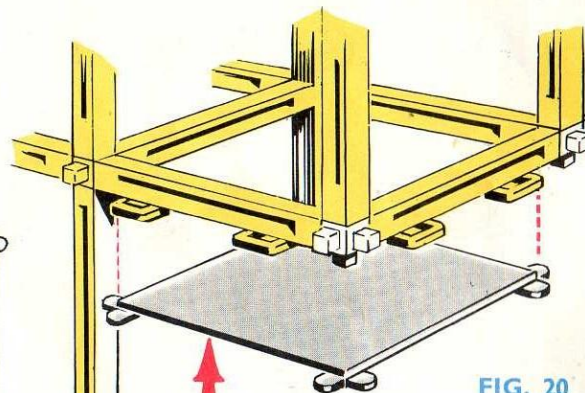
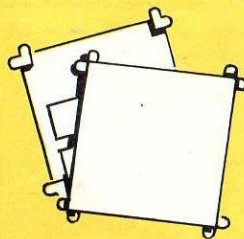


FIG. 20

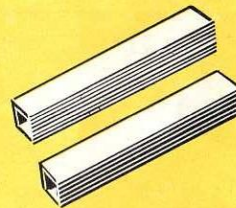
SUPPORT  
FLOOR  
(Single unit)  
Part No.  
A.00/80  
& A.42/80

SUPPORT  
COLUMN  
Part No.  
A.00/76  
& A.42/76

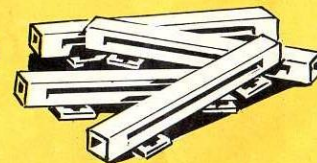
These are the accessories needed for 'C' type buildings.



2 FLOOR SUPPORTS  
Part No. A.00/80  
& A.42/80



2 SUPPORT COLUMNS  
Part No. A.00/76  
& A.42/76



4 OVERHANG CONNECTOR  
Part No. A.00/77  
& A.42/77

BEAMS



"PLAIN" PANELS, FULL LENGTH OR SHORT, LEFT OR RIGHT HAND, AVAILABLE IN ROUGH CAST, BRICKWORK OR CONCRETE FINISH.



# TYPE 'D' BUILDING WITH EXTENSION

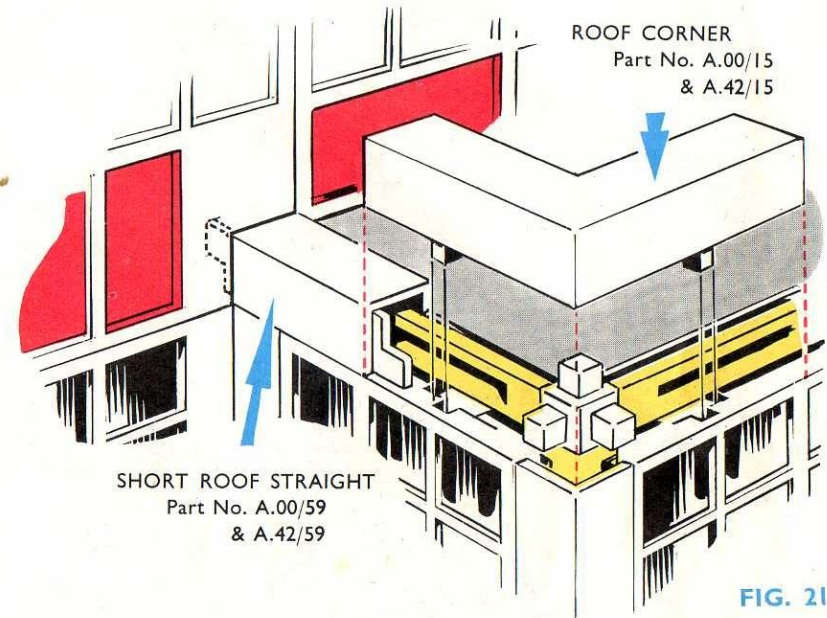
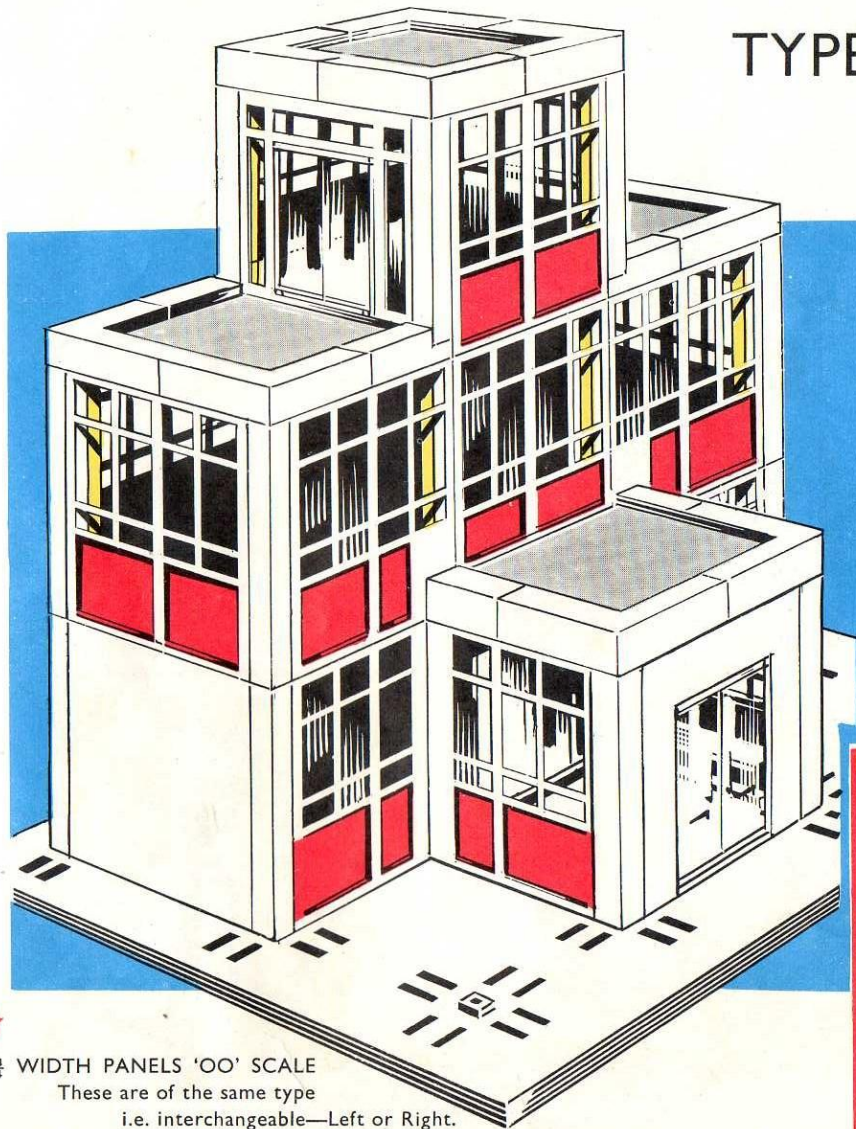
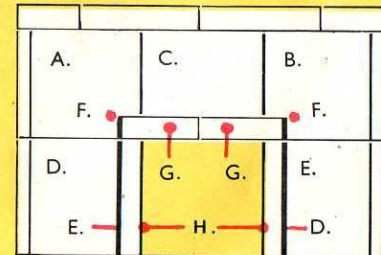


FIG. 21

These are the accessories needed for 'D' type buildings.

	Part No.
A. 1 L/H WINDOW . . . . .	A00/45A A42
B. 1 R/H WINDOW . . . . .	A00/46A A42
C. 1 SHORT WINDOW . . . . .	A00/31A A42
D. 2 L/H $\frac{3}{4}$ WINDOWS . . . . .	A00/21A A42
E. 2 R/H $\frac{3}{4}$ WINDOWS . . . . .	A00/22A A42
F. 2 SHORT ROOF STRAIGHTS . . . . .	A00/59 A42
G. 2 ROOF CORNERS . . . . .	A00/15 A42
H. 2 VERTICAL CORNERS . . . . .	A00/13 A42



Items A. B. C. D. & E. are complete with 'glass' and coloured panels.



$\frac{3}{4}$  WIDTH PANELS 'OO' SCALE

These are of the same type  
i.e. interchangeable—Left or Right.

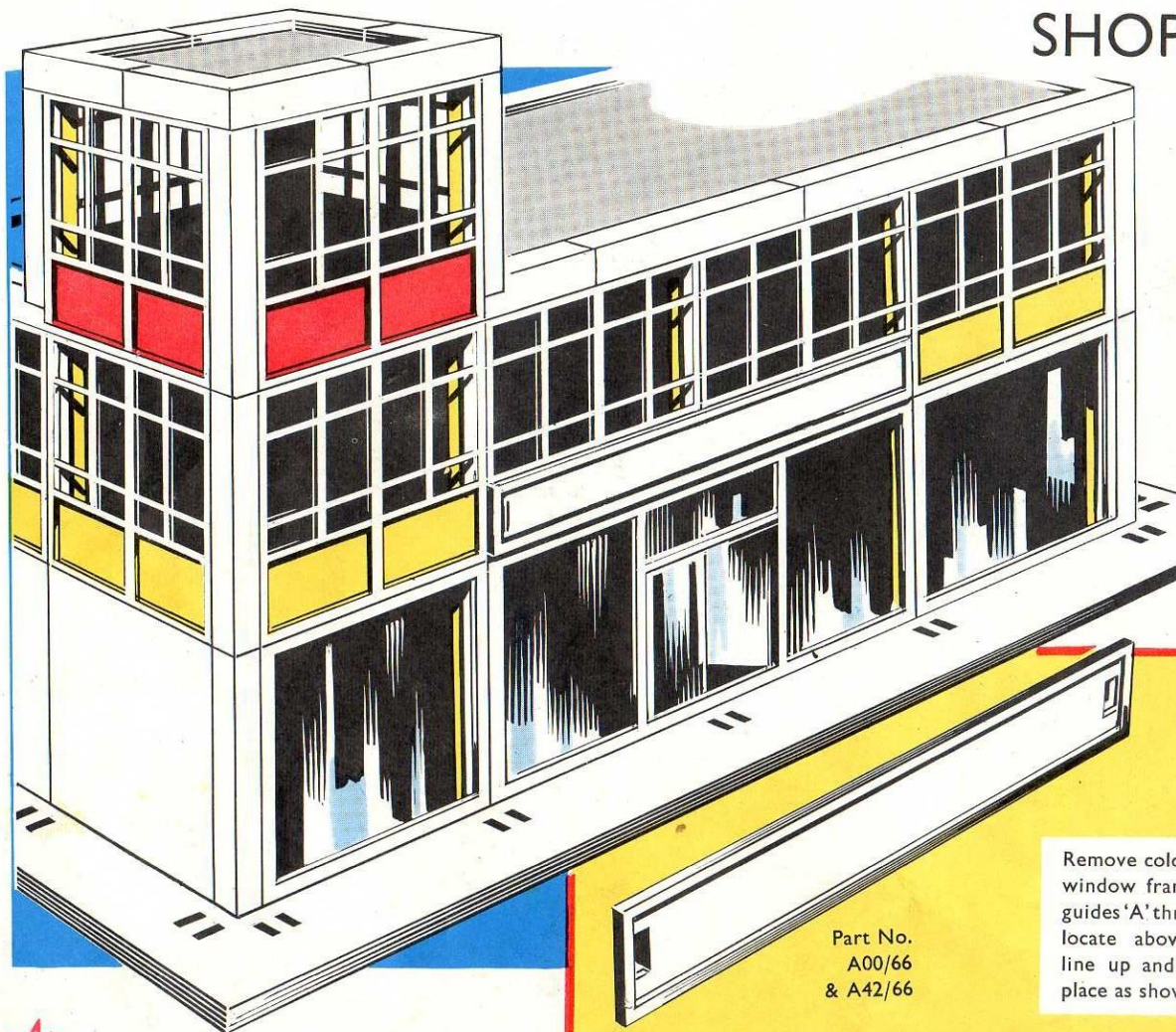


# SHOPS or SHOWROOMS

Spacious premises suitable as Motor Showrooms, for 'Spot-on' cars and trade vehicles. Furniture stores, Supermarkets, Exhibition Halls and countless other purposes.

These are the accessories needed for Shopfront as illustrated.

- 1 GLASS DOUBLE UNIT SWING DOOR SET. Part No. A00/67A & A42/67A.
- 2 GLASS SINGLE UNIT SHOP WINDOW. Part No. A00/71A & A42/71A
- 1 SHOP NAMEBOARD. Part No. A00/66 & A42/66.



Part No.  
A00/66  
& A42/66

## NAMEBOARD

Remove coloured panels from window frames and push the guides 'A' through the spaces to locate above the lugs 'B', line up and drop down into place as shown. (FIG. 22).

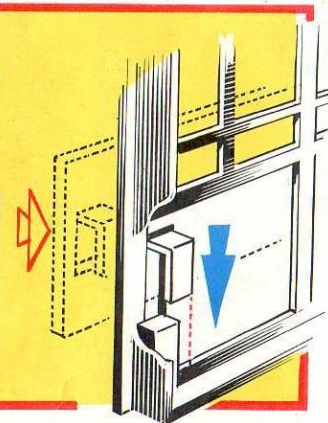


FIG 22



THE BUILDING ILLUSTRATED ABOVE REQUIRES: 1 9 HOLE BASE No. A00/3 & A42/3 and 2, 3 HOLE BASES No. A00/2 & A42/2.



# INCREASING HEIGHT

## (BUILDING UPWARD FROM FLAT ROOF)

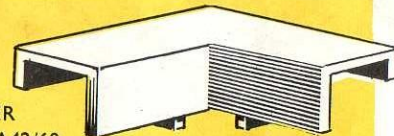
When adding floors to an existing Penthouse type of structure, it is very important that full depth panels are used as illustrated.

**E**

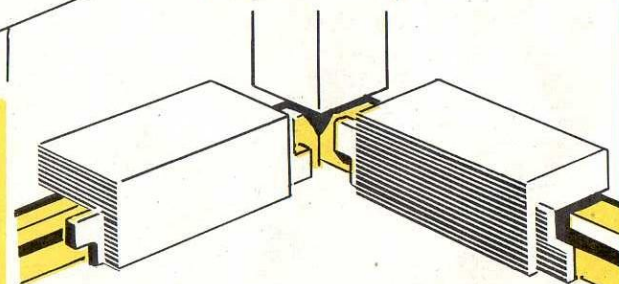
SHORT  $\frac{3}{4}$  OFFICE WINDOW (with 'glass' and panels).  
LEFT HAND. Part No. A00/36 & A42/36  
RIGHT HAND. No. same as L/H & 42/37.



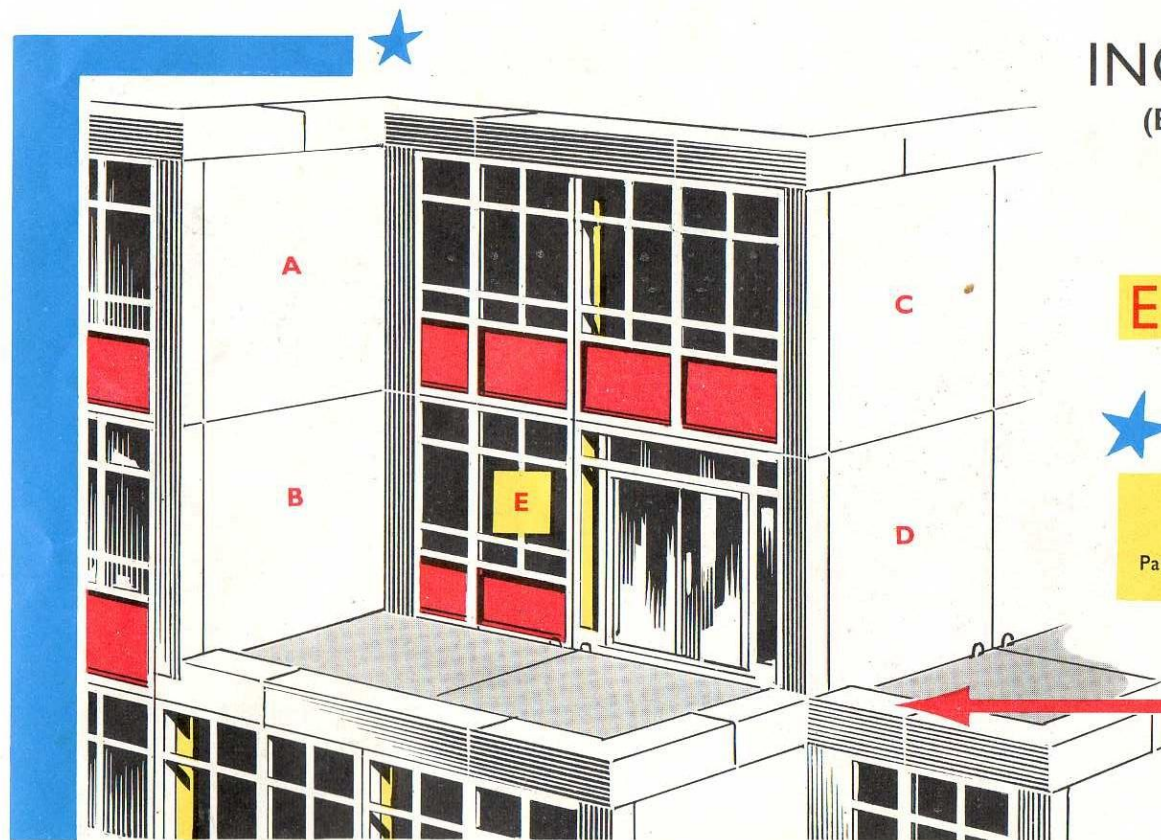
INSIDE  
ROOF CORNER  
Part No. A00/60 & A42/60



### INSIDE CORNERS



SHORT ROOF STRAIGHTS. Part No. A00/59  
& A42/59.



### KEY TO PLAIN PANEL VARIATIONS on 'A', 'B', 'C', and 'D'.

**A**

$\frac{3}{4}$  PLAIN PANEL

LEFT HAND

RIGHT HAND

ROUGHCAST A00/25 & A42/25 For 'OO' A42/28

BRICKWORK A00/26 & A42/26 Scale as A42/29

CONCRETE A00/27 & A42/27 L/H Nos. A42/30

**B**

$\frac{3}{4}$  SHORT PLAIN PANEL

LEFT HAND

RIGHT HAND

ROUGHCAST A00/39 & A42/39 For 'OO' A42/42

BRICKWORK A00/40 & A42/40 Scale as A42/43

CONCRETE A00/41 & A42/41 L/H Nos. A42/44

**C**

PLAIN PANEL (Full width & depth)

ROUGHCAST FINISH . . . . . A00/4 & A42/4

BRICKWORK FINISH . . . . . A00/5 & A42/5

CONCRETE FINISH . . . . . A00/6 & A42/6

**D**

SHORT PLAIN PANEL

ROUGHCAST FINISH . . . . . A00/33 & A42/33

BRICKWORK FINISH . . . . . A00/34 & A42/34

CONCRETE FINISH . . . . . A00/35 & A42/35

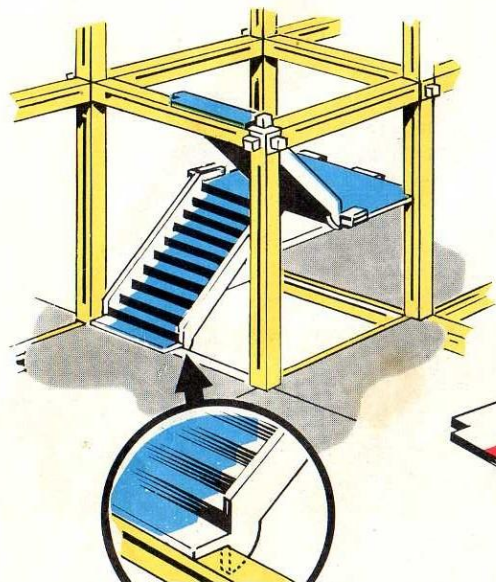


# MULTI PURPOSE STAIRWAY KIT No. KA/OOS & KA/42S.

Comprises:

- 2 FLIGHTS OF STAIRS. 1 HALF LANDING.
- 1 SET OF LOWER TREADS (For ground level).

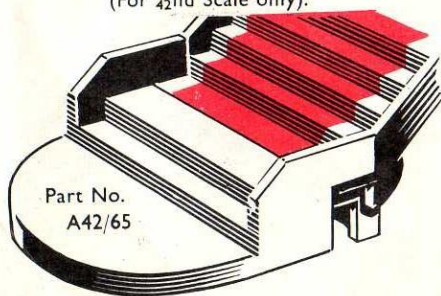
Illustrated here are but a few of the ways in which the stairways may be incorporated in the buildings. A fully informative leaflet is included in every kit.



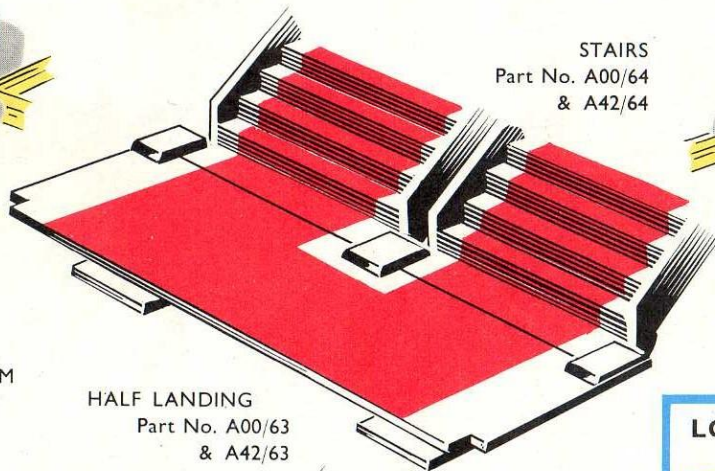
ANCHOR STAIRS TO HORIZONTAL BEAM WITH LUG 'A'.

## LOWER TREAD UNIT

(For  $\frac{1}{2}$ nd Scale only).

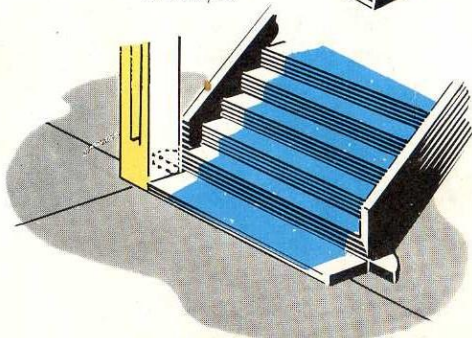


Part No.  
A42/65



## HALF LANDING

Part No. A00/63  
& A42/63



ANCHOR STAIRS TO VERTICAL BEAM WITH LUG 'B'

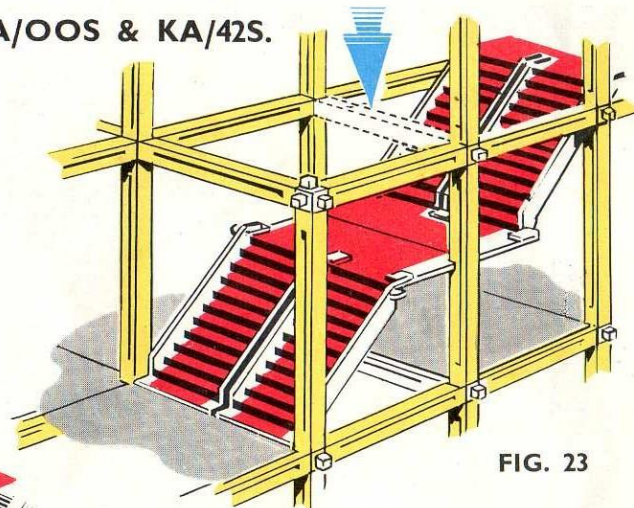
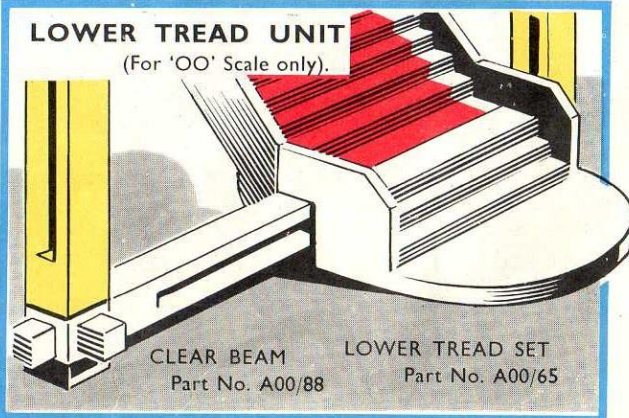


FIG. 23

When constructing double width rise, the connector beam shown by arrow above (FIG. 23) must be removed to give 'headroom'.

## LOWER TREAD UNIT

(For 'OO' Scale only).



CLEAR BEAM  
Part No. A00/88

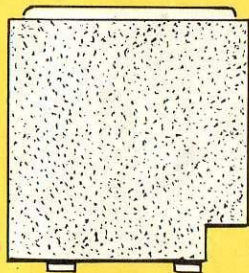
LOWER TREAD SET  
Part No. A00/65



# SPARES and ACCESSORIES

(Available only through your stockist)

ITEMS OTHER THAN THOSE ALREADY ILLUSTRATED AND DESCRIBED IN THE HANDBOOK

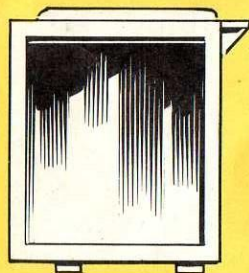


LEFT HAND PANEL

● ROUGHCAST A00/47  
& A42/47

BRICKWORK A00/48  
& A42/48

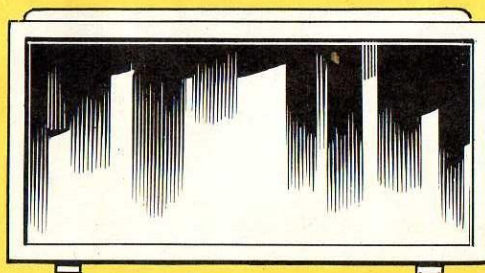
CONCRETE A00/49  
& A42/49



$\frac{3}{4}$  LEFT HAND SHOP WINDOW  
(with 'glass')

Part No. A00/73A & A42/73A

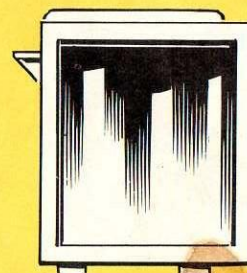
(in '00' scale,  $\frac{3}{4}$  width  
units, whether windows  
or panels are inter-changeable)



'GLASS' DOUBLE UNIT SHOP WINDOW

Part No. A00/65A & A42/69A

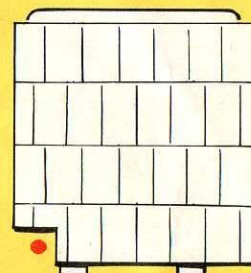
(Frame with 'glass' complete)



$\frac{3}{4}$  RIGHT HAND SHOP WINDOW  
(with 'glass')

Part No. A00/73A & A42/73A

(In '00' scale this window  
has the same number as  
the left hand unit)



RIGHT HAND PANEL

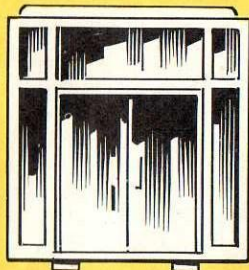
ROUGHCAST A00/50  
& A42/50

BRICKWORK A00/51  
& A42/51

● CONCRETE A00/52  
& A42/52

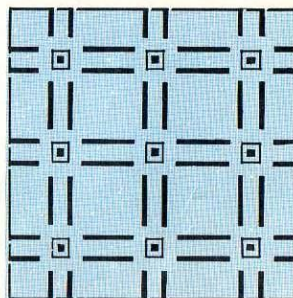


SHORT  
GLASS SWING DOOR SET  
Part No. A00/55A  
& A42/55A

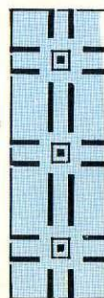


GLASS SWING DOOR SET  
Part No. A00/53A  
& A42/53A

'00' SERIES 9 HOLE and 3 HOLE BASES

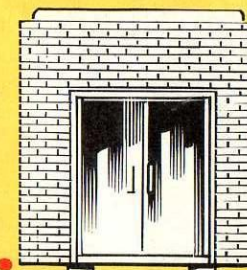


Part No. A00/3



Part No. A00/2

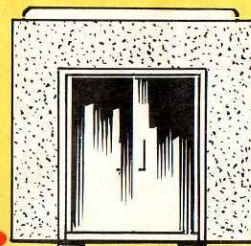
★ '00' SCALE BASES DIFFER FROM 1/42nd SCALE  
IN THE SLOT FORMATION ONLY. ASSEMBLY  
PROCEDURE IS EXACTLY THE SAME IN BOTH  
CASES



PLAIN SWING DOOR SET  
ROUGHCAST A00/10A  
& A42/10A

● BRICKWORK A00/81A  
& A42/81A

CONCRETE A00/82A  
& A42/82A



SHORT  
PLAIN SWING DOOR SET  
● ROUGHCAST A00/57A  
& A42/57A

BRICKWORK A00/83A  
& A42/83A

CONCRETE A00/84A  
& A42/84A

THIS RANGE OF ACCESSORIES WILL BE  
ADDED TO FROM TIME TO TIME



OO  
FOR RAILWAYS

**Tri-ang**  
Regd. Trade Mark

**ARKITEX**

1/42  
FOR ROADWAYS

## MODERN BUILDING EQUIPMENT SETS

### SET 'A' IN OO SCALE. Contains:

1 9 HOLE BASE	1 3 HOLE BASE
72 CONNECTOR BEAMS	48 CONNECTOR BLOCKS
12 PLAIN PANELS	18 OFFICE WINDOWS
4 ROOF CORNERS	6 ROOF STRAIGHTS
16 VERTICAL CORNERS	18 PRINTED FLOORS
1 PLAIN SWING DOOR SET	1 HANDBOOK

### SET 'B' IN OO SCALE. Contains:

2 9 HOLE BASES	2 3 HOLE BASES
144 CONNECTOR BEAMS	96 CONNECTOR BLOCKS
24 PLAIN PANELS	36 OFFICE WINDOWS
8 ROOF CORNERS	12 ROOF STRAIGHTS
32 VERTICAL CORNERS	36 PRINTED FLOORS
2 PLAIN SWING DOOR SETS	1 HANDBOOK

EVERY SET PACKED IN AN ATTRACTIVE PRESENTATION BOX

### SET No. 1 IN 1/42nd SCALE. Contains:

1 9 HOLE BASE	1 3 HOLE BASE
72 CONNECTOR BEAMS	48 CONNECTOR BLOCKS
12 PLAIN PANELS	18 OFFICE WINDOWS
4 ROOF CORNERS	6 ROOF STRAIGHTS
16 VERTICAL CORNERS	18 PRINTED FLOORS
1 PLAIN SWING DOOR SET	1 HANDBOOK

### SET No. 2 IN 1/42nd SCALE. Contains:

2 9 HOLE BASES	2 3 HOLE BASES
144 CONNECTOR BEAMS	96 CONNECTOR BLOCKS
24 PLAIN PANELS	36 OFFICE WINDOWS
8 ROOF CORNERS	12 ROOF STRAIGHTS
32 VERTICAL CORNERS	36 PRINTED FLOORS
2 PLAIN SWING DOOR SETS	1 HANDBOOK

ALL COMPLETE ITEMS AVAILABLE AS SPARES

SPOT-ON MODELS LIMITED, CASTLEREAGH ROAD, BELFAST

