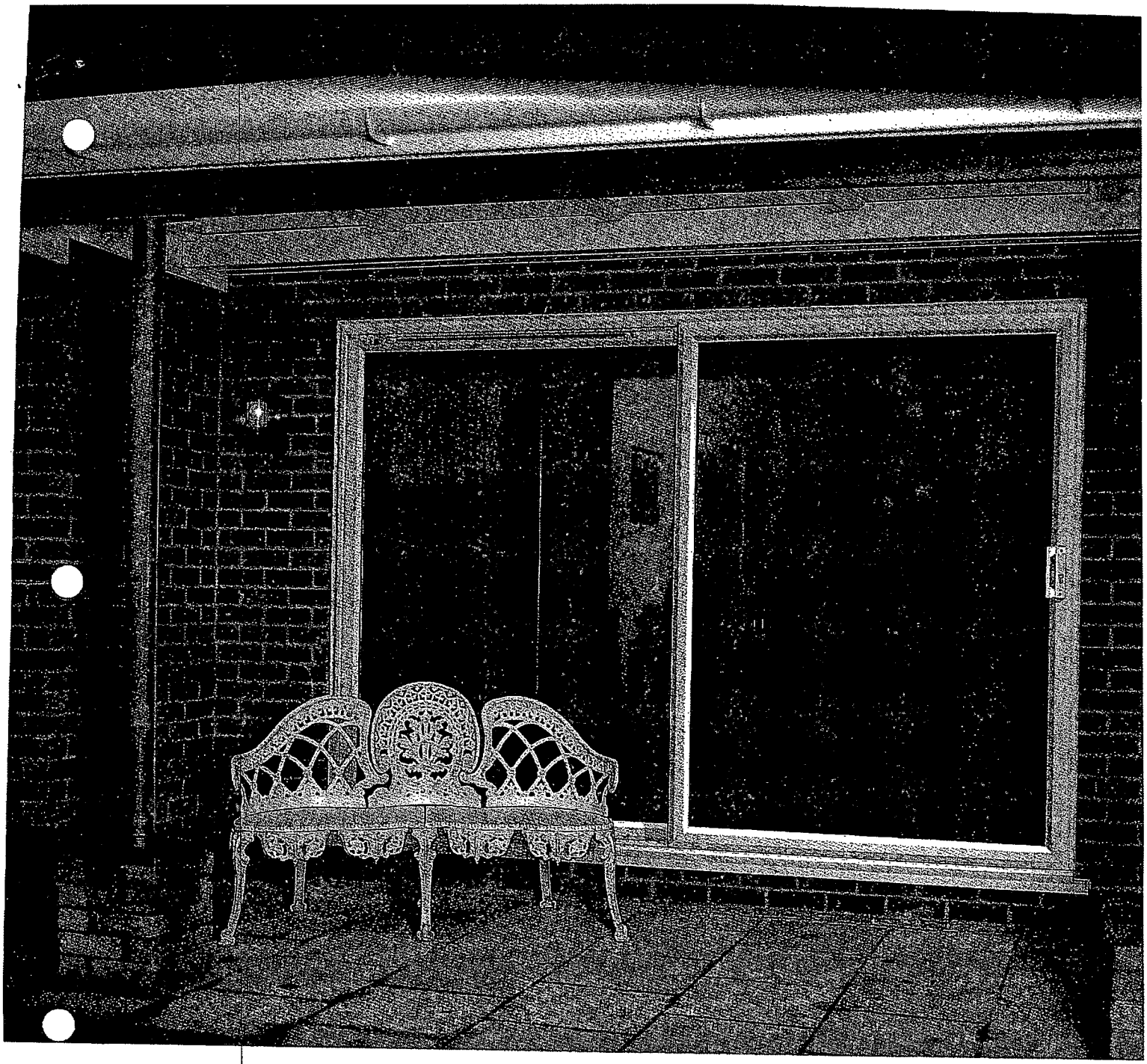
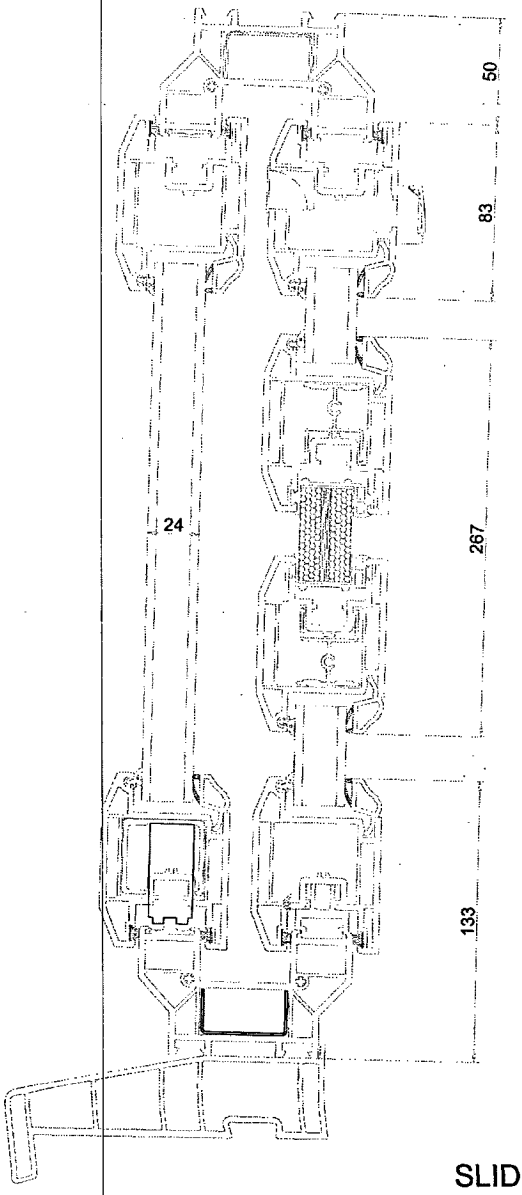


Section 6
PVC-U Patio Doors

	WORTHING SERVICES
	AWDM/0639/12
VALID	28 MAY 2012

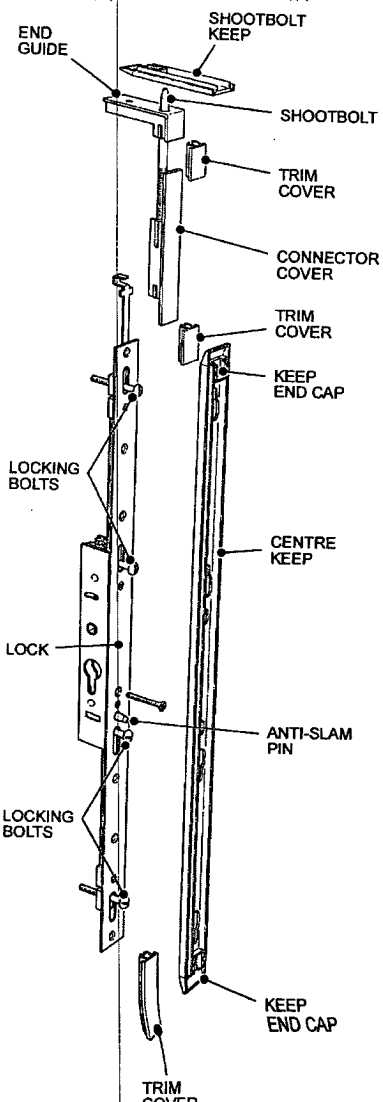


MIDRAIL
WITH PANEL

SLIDING PATIO DOOR

6.2 Security

PVC-U patio doors are fitted as standard with a high security locking mechanism that comprises a top shootbolt, 4 point stainless steel locking system and anti-bump and anti-drill eurocylinder lock. The lock case incorporates an anti-lift out device and the opening door is fitted with a meeting stile plunger lock for additional security.



Key Features/Benefits

- Lock incorporates 4 hardened steel locking bolts and top shootbolt.
- Mounting plate and keep rails are manufactured of stainless steel.
- All screw fixings are fitted internally so can't be accessed from the outside.
- Lock case incorporates an anti lift out device to prevent the doors being removed from the outside.
- The sliding door is fitted with a stile plunger lock for additional security.
- The Yale euro-cylinder lock is fitted flush with the handle backplate ensuring there is no purchase for a wrench when the handles are fitted.
- The 6 pin cylinder lock provides over 100,000 key combinations (differs) and is anti-pick and anti-drill.
- The Yale euro-cylinder is kite marked as it meets the requirements of BS EN 1303:2005.
- Doors key lockable from both inside and outside.

Section Contents

6.1 General Arrangement
6.2 Security
6.3 Door Styles
6.4 Parameters

6.1 General Arrangement

Mainframes
The mainframe is constructed from high impact PVC-U. Each mainframe section is mitred and then bonded and screwed to a corner moulding. The corner moulding provides a secure corner joint and also creates the visual appearance of a feature groove to match the welded corner joints on the patio door leaf.

Door Panels
Each door panel is constructed from high impact PVC-U and is mitred and welded at the corner joints. On White Knight and Dual products the excess residue from the welding process is removed, leaving a feature groove. Foiled products have a knife finish. Where midrails are fitted into the door leaf they are butt jointed and secured using aluminium cleats. The sliding door leaf is always located on the outer track. Interlocking fins on the meeting stiles securely fix the door leaves together in the fully closed position and provide an effective weatherseal. All glazing is secured by internally fitted beads.

Reinforcement
Galvanised steel reinforcement is fitted to White Knight units only when required in accordance with Anglian's standard rules. Foiled units are always fully reinforced.

Glazing
Fitted with toughened safety glass as standard

Approvals
BBA Approved (Certificate No 94/3000)

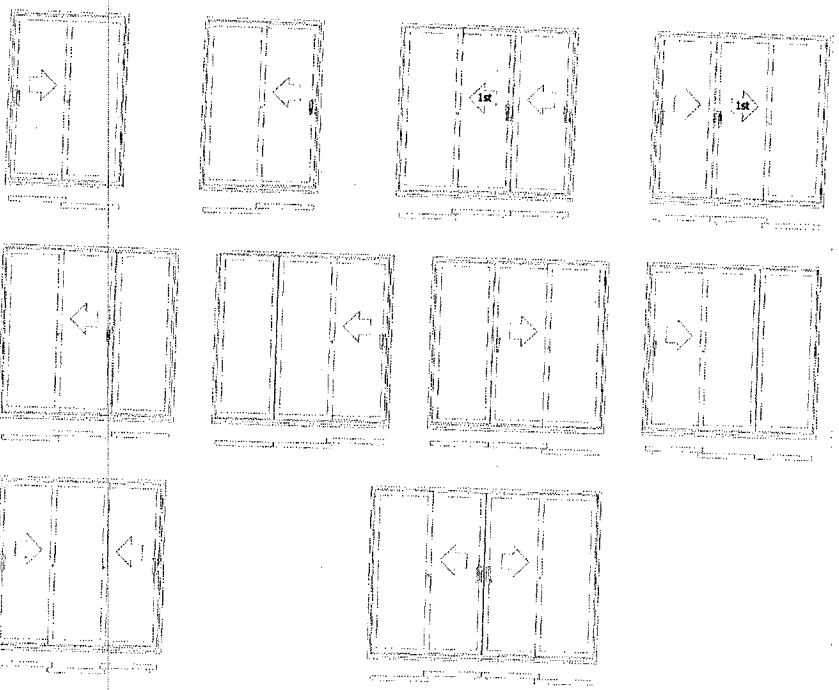
Patio Door Locking System
- Multi point locking system
- Top shootbolt locks into the frame
- Door locks into the frame via four steel mushroom headed bolts preventing the door being lifted off its tracks (anti jacking device)
- Centre push button to lock the door in the closed position.
- Eurocylinder lock

Ventilation
Patio Doors are supplied as standard with a trickle vent.

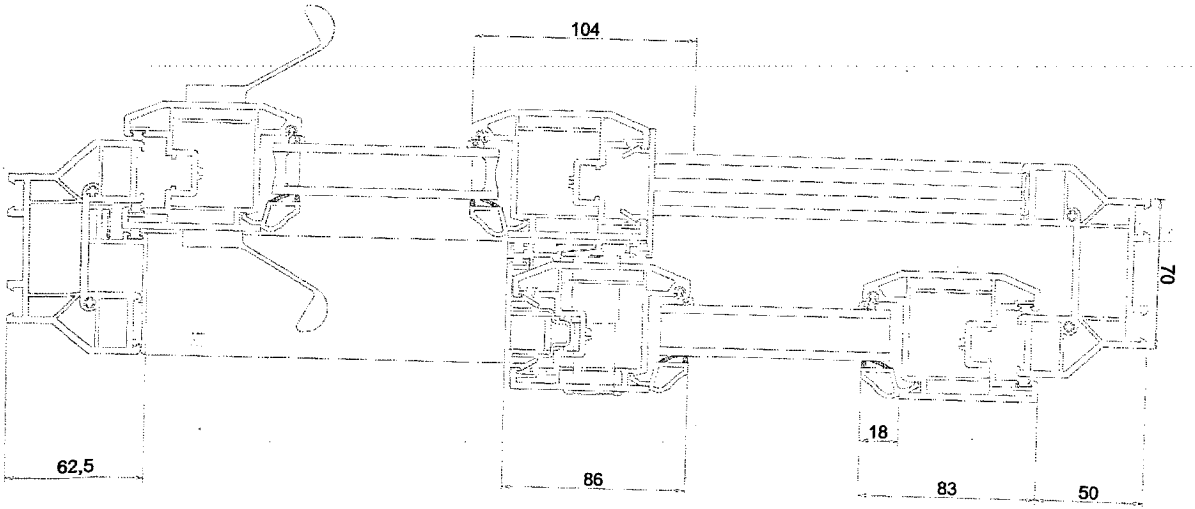


6.3 Door Styles

Patio Door Opening Configurations



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SLIDING PATIO DOOR
2 PART LAYOUT