

# FORMCLAD

Dataspec

INSULATING AND CLADDING SYSTEMS

**Hitchins**  
Since 1972

15/12/95

\* The FORMCLAD SYSTEM is a cladding system used for the external finishing of houses, offices and other buildings. It not only gives an attractive and durable finish but also provides sound and thermal insulation, and as such, aids in keeping the building warm in winter and cool in summer.

Consists of four major components: ridge board insulation, reinforcing mech, formclad matrix and a choice of formclad finishes. These components provide permanent insulation, shape and textures to form a unique exterior wall. This system insulates on the outside, closing out most infiltration and minimizes exterior thermal stress. Formclad is available in practically an unlimited variety of colours and textures, and resists cracks, stains and the tendency to fade.

\* The FORMCLAD SYSTEM is mainly used an exterior cladding for buildings such as:

- Private home
- Office blocks
- Shops
- Factories

\* It can also be used for panelling, either on site or pre-fabricated. As such it can be used apart for the above mentioned for:

- Partitions
- Facades
- Feature walls etc

\* The final finish can be varied both in colour and appearance, depending on the finishing system chosen. Several systems are available, varying in price.

\* The system should only be applied by competent and trained applicators and in accordance with the guidelines issued by Hitchins.

## SPECIFICATION DATA

### \* DESCRIPTION:

Insulating, cladding and panelling system.

### \* COMPONENTS:

Polystyrene foam sheet  
FORMCLAD BASECOAT  
(incorporating Portland cement)  
FORMCLAD MESH  
Finishing System

### \* FINISH:

Depends on finishing system chosen, refer overleaf.

### \* COLOUR:

A limited colour range is available in the textures, but a full range in the topcoats.

### \* SPREADING RATES:

Depending on the system chosen, refer overleaf.

### \* DRYING AND CURE TIMES:

Depends on system chosen, refer to the application procedures for the finishing coats.

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## PREPARATION

The FORMCLAD SYSTEM can be applied to a variety of structures e.g. existing cladding, timber frames, concrete walls, steel frames. Make sure the structure is sound and built to an acceptable building standard.

## COMPONENTS OF THE FORMCLAD SYSTEM

**Framing/Substrate:** Timber, concrete, steel, existing cladding etc, sound and to an approved standard.

**INSULATION:** Polystyrene foam sheets fixed to panelling using FORMCLAD BASECOAT (24kg/m<sup>3</sup> . 20mm min. thickness).

**BASECOAT:** FORMCLAD BASECOAT mixed 50/50 by weight with Portland cement.

**REINFORCING:** FORMCLAD MESH.

**FINISHING SYSTEMS:** Various options are available, amongst them: VARITEX, FORTEX, MULTITEX SPRAY GRADE, MULTITEX ROLLER GRADE, MARBLETEX. These textures can be topcoated. sealed with FORMWAL 612/620/630 to improve dirt pickup resistance and cleaning.

## APPLICATION

For a detailed application guide please refer to the relevant application procedures. This data spec is only intended as a basic information sheet.

## SPREADING RATES

Product:	Process:	m <sup>2</sup> /L:
FORMCLAD BASECOAT (excluding cement)	Fixing polystyrene	1
	Fixing mesh to foam	1.8
FORMCLAD PRIMER SEALER	Priming/sealing prior to coating	12
MULTITEX SPRAY GRADE	Spray texture	1.5 - 2.5
MULTITEX ROLLER GRADE	Roller texture	1.5 - 2.5
FORTEX	Spray texture	2.0 - 2.5
VARITEX	Roller texture, can also be applied by trowel	1.0 - 2.5
FORMWAL 612/620/630	Topcoat - 2 coats required	8-10/coat