



An introduction to Altro Walls
products, accessories and fittings.

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Welcome to the Altro Walls training centre.

During your visit to Lowestoft, it is our intention to cover as many aspects of the Altro Whiterock PVCu Hygienic Cladding System as possible with you. Starting from arrival onsite, through to completion of the cladding installation.

This fitting guide, whilst compiled to the best of our knowledge is for guidance only, and Altro Walls cannot be held responsible for any faults which may occur. If in any doubt, contact the Walls technical services department to answer any queries you may have. Tel: 01502 561364.

Your safety on our site is paramount to us, so as you work through this booklet and while you are on our site, please be aware of our health & safety policy during your visit to the training centre.

This guide booklet has been designed to assist both yourselves and us during your training. As we work through the booklet, it provides a focus for topics to be discussed. When the course is completed, you can take this booklet with you as a help guide in the event you require prompting or reminders in the future. Please do not be afraid to ask questions as we progress or to use the text box for additional comments.

HEALTH & SAFETY		
	Covered	Comments
Fire safety routes		
Muster points		
Fire extinguishers		
First aid		
Canteen facilities		
Toilets		
Workshops (fork lift trucks)		
Health and Safety data / COSHH		

HISTORY OF ALTRO WHITEROCK

Short Presentation

PREMIER CONTRACTORS

National Network Of Installers

DETAILS OF ALTRO WHITEROCK PVCu SHEET MATERIALS

Part \ number		Yes	No
	Sizes of sheet		
W103/W104	Extruded		
W136/W137	Pastels		
W140/W141	Illusions (Foil)		
W160/W161	Chameleon		
W123/20/25	Stainless steel		

ALTROFIX ADHESIVES

W139	Two part urethane adhesive 6.5kg/8kg		
W157	Single part acrylic adhesive 3kg/4kg/12kg		
	Cleaning of the sheet		
A862	Protective gloves		
A808 /01/05	Cleaner / thinner		

Please ensure you follow the installation guidelines carefully to ensure best results.

ALTRO ACCESSORIES

		Yes	No
A863	Mixing paddle		
A860	Trowel 5mm x 5mm		
A860/4	Trowel 5mm x 4mm		
	Mixing of the two part adhesives		
	Spreading of the adhesives		
A817	Desolvit wipes (150 / 250 tubs)		
	Cleaning of trowel & paddles		
A811 / 01/05	Paper towels		
A809/05	Antistatic agent		
W165	Primer 1 litre/5 litre		
A815/10	10m double sided tape		
A815/30	30m double sided tape		
A802	White silicone sealant		
A803	Clear silicone sealant		
	Barrier cream		

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SUBSTRATES & PREPARATION

	Yes	No
Blockwork		
Brickwork		
Sand & cement render		
Plaster render (Hardwall)		
Plaster skim		
Plasterboard		
Plywood / MDF		
Ceramic tiles		
Painted surfaces		
Sealing of porous surfaces		

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JOINTING OF SHEETS

	Start & Finish Trims	Yes	No
G831/25	PVCu 2.5m single part joint strip		
G831/30	PVCu 3.0m single part joint strip		
A831/25	PVCu 2.5m two part joint strip		
A831/30	PVCu 3.0m two part joint strip		
G832/25	Cut tile transition joint strip - single part		
A832/25	Cut tile transition strip - two part		
A833/25	PVCu two part start & edge trim 2.5m		
A833/30	PVCu two part start & edge trim 3.0m		
G833/25	PVCu single part start & edge trim 2.5m		
G833/30	PVCu single part start & edge trim 3.0m		
A915 tape	Welded joint (50mm double sided tape)		
WSR/01 ...	50m coil of weld rod		
A802/803	Silicone joint method		
A855	Stainless steel joint strip		
A865	Stainless steel start & edge capping strip		
A861	Stainless steel corner protectors		
F836 /25/30	Two part external PVCu corner sections		
F837 /25/30	Two part internal PVCu corner sections		
A839	PVCu angle section (20mm/30mm/40mm)		
A918	PVCu shower tray trim section (small)		
A923	PVCu shower tray trim section (large)		

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SETTING UP ON SITE			
		Yes	No
	Working area		
	Benches		
	Trestles		
	Heater stands (available from Altro)		
	Thermoformer/heater		
	Leads		
	Straight edges 1.5m/3.3m		
	Cutting the sheet		
	Datum set up		
	Working from the datum		
	Setting out of the room		
	Trim to window detail		
	Skirtings – sheet PVC & quarry tile		
	Wood moisture equivalent 16%		
	Minimum working temp 14°		
	Preparing substrates prior to fitting		
A918	PVCu shower tray trim section (small)		
A923	PVCu shower tray trim section (large)		

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FORMING THE SHEET			
		Yes	No
	Forming of the internal bends		
	Forming of the external bends		
	Forming of internal to external bends		
	Forming of a boxing / column		
	Fitting to uneven substrate		
	Forming of access panels for service		
	Sealing up the finished work		

Please ensure you follow the installation guidelines carefully to ensure best results.

TECHNICAL DATA SHEETS

Product data sheets

Specification sheets

Line drawings

Price list

OTHER PRODUCTS IN THE ALTRO WALLS RANGE

ALTRO DOORSETS

Hygienic PVCu doors with Altro Whiterock

ALTROGUARD

Hygienic acrylic wall coating system

ALTRO QUICKCLAD

Hygienic demountable PVC wall system

NOTES



Altro Walls

PRODUCT KNOWLEDGE TEST

1. Why is it important to check the interior and exterior corners of an installation prior to commencement of work?

2. The substrate should reach a minimum requirement of straightness. What is this requirement?

3. What is the maximum WME prior to installation, and what do the initials WME stand for?

4. What is the recommended temperature that Altro Whiterock can be installed in? If heat is required to provide this temperature, can gas blowers be used to provide the heat? Please give reasons.

5. Dusty and friable surfaces should be treated with what prior to an installation beginning?

6. What is W165 used for and where should it be applied?

7. When using AltroFix W139 adhesive what size trowel notches should be used for the application?

8. When an installation is to take place over ceramic tiles to a shower area, name two things that should be taken into consideration during the consultancy period.

9. Prior to the installation beginning what should take place to the tiles?
How should this be achieved? Why is this important?

10. If Altro Whiterock is to be installed in a kitchen near to heat in the form of cooking ranges, what would be the minimum distance that Altro Whiterock sheets should be fitted to the heat source? And why do we require this for installation purposes?

11. During the consultancy period the client has asked if it is possible to fix fittings onto the surface of the Altro Whiterock sheet. Is this possible? What must be done if so to achieve their request?

12. An architect has a kitchen refurbishment project. The walls were found to be not to our specification so they have had the walls dry lined with plasterboard, the initial inquiry being for AltroFix two part adhesive. They have asked if it is possible to use an alternative adhesive. State if this is possible, and whether you should also ask further questions on the plasterboard used?

13. What colour weld rod should you use on the Illusion sheet?

14. What is the maximum temperature that the sheets can be cleaned at?

15. What length can ceiling boards be purchased at?

16. Is a Blockwork wall with un-flushed joints a suitable finish for a welded system?
If not, why not?

17. What is the British Standard number for the fire rating?

18. What grade stainless steel do we recommend?

19. Can the flooring system be installed first? How is the installation of Altro Whiterock achieved? Is there a minimum overlap of the floor?

20. On the ceiling system what is the recommended distance between the PMF5 components?



Altro Walls Training Centre

YOUR DETAILS

Company name

Attended training on

Trainer

Your name printed

Your signature



Altro Walls Installers

COURSE FEEDBACK

Did the course suit your requirements?

What aspect did you find most beneficial?

Was the information given clearly and easy to understand?

Were the training areas of a good standard and could they be improved?

Was the technical data given well matched to the course?
