

ULTRALIGHT JOINT CEMENT

FOR BEDDING TAPES AND FINISHING
OF ALL DRYWALL JOINTS

EXTRA SMOOTH

- ✓ Suitable for use on all plasterboards conforming to BS1230
- ✓ Covers up to 20% more than traditional joint cement materials
- ✓ Easy to sand
- ✓ No shrinkage
- ✓ Suitable for hand and machine use



DRY WALL
SYSTEMS

General Information

Ultralight Joint Cement is specially developed for hand and machine jointing. It is suitable for use on all plasterboards conforming to BS1230.

Authority

Ultralight Joint Cement conforms to:

- Manufactured to BS6214: 1982.
- For use on all gypsum boards conforming to BS1230 Part 1 1985.

Coverage

Refer to manufacturer.

Mixing

Fill 1/3 of a bucket with clean drinking water. Add **Ultralight Joint Cement** and mix thoroughly to a thick consistency until free of lumps. Suggested mix ratio: 1 part water to 2 parts powder. Leave to stand for 10 minutes whilst thickening occurs then remix. Add more powder (or water) to achieve a smooth, workable consistency. The mix should be fairly thick and able to stand on tools without slumping. Never over dilute the mix - this can result in blistered tape, edge cracking, joint shrinkage or a soft, powdery joint surface. Do not use below 3°C.

Surface Preparation

Before jointing take a close look at your boards - good jointing cannot cover up bad boarding. Ensure all boards are properly fixed,

and all protruding screws or nail heads are driven home. Gaps greater than 3mm between boards are filled with joint filler, damaged boards must be repaired before you start. Superficial damage can be removed by rubbing down with fine sandpaper. Deeper indentations and small areas of damaged plasterboard can be repaired by filling with joint filler. Extensive damage to plasterboard core must be removed and repaired by inserting a patch of new board.

Alternative methods of jointing

To speed up the operation **Ultralight Joint Filler** can be used for bedding tapes by hand only and finishing coats of joint cement may be applied by hand or mechanical tools.

Application and fixing

A continuous, thin band of **Ultralight Joint Cement** is applied to the trough of the tapered edge joints, centre jointing tape over the joint and press down with jointing knife with sufficient pressure to free any trapped air bubbles and leave sufficient joint cement under the tape to ensure good adhesion. Immediately after the tape has been fixed apply a new layer of joint cement over the tape flush with the surface of plasterboard, remove any excess material with sponge. Allow to dry completely before the second coat is applied over the joint in a layer approximately 180 - 250mm wide. When dry a finishing application approximately 250 - 300mm wide should be applied and the edges of these bands feathered out with a slightly damp sponge. Special care with the finishing coat should be taken to avoid heavy sanding when joint cement is dry. On internal angles the jointing tape

should be folded along the crease provided and the tape embedded into the joint cement, as previously described. Avoid any build up of material under the tape at the apex of the corner.

Machine application

Machines will automatically disperse the correct amount of joint cement under the tapes. After application of jointing tape and joint cement smooth out and wipe down as required with a jointing knife. Allow this first application of joint cement to completely dry then apply a coat of joint cement with the 180mm finisher, to give a uniform application on both sides of the tape. When dry a second application is made to both sides of the tape with the 250mm finisher. When this has dried a final application is made with the 350mm finisher, in accordance with machine tool suppliers instructions and sequence of working (see table 1 below).

Packaging

Supplied in powder form in 20kg paper sacks.

Storage

Recommended shelf life 12 months. Store in dry conditions.

Health & Safety

Avoid contact with eyes and ingestion. It is advisable to wear protective gloves and wash off any contact with skin.

Health and safety data sheets for all Wondertex products can be obtained at the address below.

Other products

Products in the Wondertex range include:

Wondertex Ultralight Joint Filler

Wondertex Premier 5

Wondertex Ready Mixed Joint Cement

Wondertex Drywall Joint Filler

Wondertex Drywall Joint Cement

Wondertex Washable Texture Coating

Wondertex Sealer

New Range of Cove, Cornice and Accessories

Full Range of Tools and Accessories

Table 1: Recommended order of working

Work	Tools required
1 Internal angles tape application	Auto taper
2 Internal angles embedding tape	Corner roller
3 Internal angles joint cement distribution	Corner finisher
4 Clean up corners	Broad knife
5 Tapered edge flat joints tape	Auto taper
6 Tapered edge flat joints embedding tape	Broad knife
7 Tapered edge flat joints 1st joint cement coat	180mm flat finisher
8 Nail spotting 1st application	Nail spotter
9 Tapered edge flat joints 2nd joint cement coat	250mm flat finisher
10 Nail spotting 2nd application	Nail spotter
11 Tapered edge flat joints final joint cement coat	350mm flat finisher
12 Internal angles final joint cement coat	Corner finisher with cement applicator
13 Apply top coat (when specified)	Brush or roller

Table 2: Faults in jointing

Problems	To rectify
Blistered tape Joint cement mixed too dry or wet. Tape not pressed firmly home. Too much joint cement under tape.	Open up the blister by cutting and folding back the tape. Refill and press back.
Edge cracking Joint cement mixed too wet or too rapid drying. Extremely hot, dry weather or freezing conditions.	Cut away poorly bonded tape edges and loose compound. Retape.
Major joint cracking This is only caused by structural movement.	
Joint beading Slow drying joint cement. Too much water in mix. Damp conditions	
Joint sinking Too much water in mix. Insufficient drying time between coats.	
Soft powdery joint Too much water in mixing. Freezing conditions. Mixing different compounds.	

Note: All 'Wondertex' products are of high quality, being subjected to rigid quality control. 'Wondertex', however, cannot govern conditions of applications and usage, thus any warranty written or implied is given in good faith, but covers materials only. RMC Specialist Products will not accept any responsibility for damage or injury arising from the storage, handling, application or use of its products.



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