



PIPES



SOFFITS AND SIDINGS



GLAZING PRODUCTS



RAINWATER GOODS

Colour Masterbatch for PVCu

"It's never been so easy to colour rigid PVC"

Vynacol® masterbatch is the answer to all the compatibility and processing issues previously associated with adding colour to both rigid and flexible PVC materials.

Since its launch in 2000, processors throughout the world have discovered that the use of Vynacol® makes adding colour to PVC just as easy and hassle free as colouring any other polymer.

99% of processors who trial this masterbatch then go on to purchase production quantities.

Reducing Costs and Increasing Manufacturing Flexibility

Manufacturers of PVCu mouldings and extrusions for the construction industry can benefit from the significant advantages of using Vynacol masterbatch for colouring their products.

- Lower stock holding compared to pre-compounded materials
- More flexibility in colour choices
- Shorter lead times
- Optimum dispersion of pigments and functional additives resulting in streak free, even colours
- Dust free, with no health and safety concerns when compared to undispersed colourants and additives
- Reduction in cleaning and colour change costs



Highly Recommended for Construction Products

Vynacol is suitable for processing on all types of PVC moulding, extrusion and calendering plant.

It is available in two formats, both designed for automatic dosing or weighed batch addition:

Regular pellet

Formulated for use in either pelletised PVC compound or powder dry blend feedstock. Available in quantities from 25 Kgs upward, this is ideal for colouring small batch runs of special colours.

Prill

Spherical particles, nominally 1.2 – 1.4mm diameter. These offer the processor improved distributive mixing, especially in powder blend feedstock. Particularly suited for low addition applications where optimum homogenisation is required.












































How We Ensure Vynacol Works For You

The host PVCu compound will be formulated to offer the physical performance and the durability required by the product. The stabilisation type, stabilisation level and filler level will all contribute to the base colour of the PVC compound. Some adjustment to the Vynacol formulation may be necessary to take this into account. The formulation stabilisation type and filler level will also affect its long term appearance. Prolonged exterior exposure could result in some yellowing or chalking [where the surface of the plastic starts to disintegrate due to uv degradation exposing the filler and/or TiO2 embedded in the PVC] which can mistakenly be identified as a colour failure. However, it is important to choose durable pigments that have a long lasting performance appropriate to the product specification. Two systems commonly used to express the performance of colourants are:-

- Blue scale [or wool scale] determines the fastness of a colourant to daylight on a scale of 1-8 where 8 is the highest value. Most exterior applications insist on at least 6, ideally greater
- Grey scale is a method to define the change of a shade due to weathering on a scale of 1-5 where 5 is no change and 3 or 4 are generally regarded as acceptable

We understand that where the product is to be used and it's expected service life are also relevant and will influence the colourant choice and level. For this reason we have a number of standard products for specific applications.

We are very happy to provide samples of the colours shown in the featured chart.

APPLICATION	RAL/BS	NEW CODE	NEW CODE PRILL	COLOUR	LF	GS
GLAZING COLOURS	8001	83301	83321/P	OCHRE BROWN		7-8 4-5
GLAZING COLOURS	8003	83302	83322/P	CLAY BROWN		7-8 4-5
GLAZING COLOURS	8017	83303	83323/P	SEPIA BROWN		8 4-5
GLAZING COLOURS	8019	83304	83324/P	GREY-BROWN		7-8 4-5
RAINWATER COLOURS	8003	83305	83325/P	CLAY BROWN		8 4-5
RAINWATER COLOURS	8017	83306	83326/P	CHOCOLATE BROWN		8 4-5
SOFFIT/SIDING COLOURS	1017	13101	13111/P	SAFFRON YELLOW		8 4-5
SOFFIT/SIDING COLOURS	BS.14C35	63801	63811/P	CHARTWELL GREEN		8 4-5
SOFFIT/SIDING COLOURS	7035	74601	74611/P	PALE GREY		8 4-5
SOFFIT/SIDING COLOURS	BS.06C33	83307	83327/P	CAMEO		8 4-5
SOFFIT/SIDING COLOURS	BS.08B19	83308	83328/P	BEIGE		8 4-5
SOFFIT/SIDING COLOURS	3005	33701	33711/P	WINE RED		7-8 4-5
SOFFIT/SIDING COLOURS	BS.20C40	54501	54511/P	NAVY BLUE		7-8 4-5
SOFFIT/SIDING COLOURS	6009	63802	63812/P	FIR GREEN		7-8 4-5
SOFFIT/SIDING COLOURS	BS.00A09	74602	74612/P	GUTTER GREY		8 4-5
SOFFIT/SIDING COLOURS	8003	83309	83329/P	CARAMEL/TAN		8 4-5
SOFFIT/SIDING COLOURS	8017	83310	83330/P	CHOCOLATE BROWN		8 4-5
SOFFIT/SIDING COLOURS	9017	95907	95917/P	BLACK		8 4-5
PIPE COLOURS	1021	13102	13112/P	YELLOW		7 4
PIPE COLOURS	3000	33702	33712/P	FLAME RED		7 3-4
PIPE COLOURS	4005	41101	41111/P	BLUE-LILAC		7 3-4
PIPE COLOURS	5015	54502	54512/P	SKY BLUE		7-8 4-5
PIPE COLOURS	5017	54503	54513/P	TRAFFIC BLUE		7-8 4-5
PIPE COLOURS	6016	63804	63814/P	TURQUOISE GREEN		7-8 4-5
PIPE COLOURS	6026	63805	63815/P	OPAL GREEN		7-8 4-5
PIPE COLOURS	7011	74603	74613/P	IRON GREY		8 4-5
PIPE COLOURS	7035	74604	74614/P	PALE GREY		8 4-5
PIPE COLOURS	7037	74605	74615/P	DUSTY GREY		8 4-5
PIPE COLOURS	8023	83311	83331/P	ORANGE-BROWN		7-8 4
DECKING COLOURS	14C35	63801	63811/P	PALE GREEN		8 4-5
DECKING COLOURS	BS.08B17	83312	83332/P	LATTE		8 4-5
DECKING COLOURS	BS381C-420	83313	83333/P	COFFEE		8 4-5
DECKING COLOURS	BS.04B25	83314	83334/P	ESPRESSO		8 4-5
DECKING COLOURS	9011/9005	95904	95914/P	BLACK		8 4-5
WHITE	9003	91902	91912/P	SIGNAL WHITE		8 4-5
WHITE	9016	91901	91911/P	TRAFFIC WHITE		8 4-5
BLACK	9011	95903	95913/P	BLACK		8 4-5
BLACK	9011/9005	95904	95914/P	BLACK		8 4-5
BLACK	9005	95905	95915/P	JET BLACK		7-8 4-5
MONOCONCENTRATES	3020	33703	33713/P	BRIGHT RED		7-8 4-5
MONOCONCENTRATES	5017	54505	54515/P	BRIGHT BLUE		7-8 4-5

Vynacol® – the world's leading polymer specific colouring system for PVCu

Wherever you are, whether you are experiencing quality or processing problems with your current compound or colouring system or looking for ways to make your production more cost effective, Vynacol® offers an impressive set of benefits.

All information is given in good faith, but is not a warranty or guarantee and may not be used as such.

Request a sample that works for you

Call our customer service team for guidance or technical advice, email paul@colourtone-masterbatch.co.uk or complete the colour match form on our website <http://www.colourtone-masterbatch.co.uk/>



Twitter - colourtoneworld
<https://twitter.com/colourtoneworld>

About Colour Tone Masterbatch

Set up in July 1996 Colour Tone Masterbatch is an innovative, award winning company that focuses on delivering a responsive, high quality service for bespoke colours, in universal, commodity and engineering polymers, as well as custom additive blends.

Custom colours to an exact match are delivered in less time than it takes to get a standard off-the-shelf universal product.

Colour Tone Masterbatches are suitable for use in most plastics processes including injection and blow moulding, profile and sheet extrusion as well as film and fibres. As such they add market presence and competitive edge through unique, vibrant colours as well as physical properties and processing benefits that contribute to the successful performance of many products.

Extensive laboratory facilities and modern plant provide the flexibility to meet customer demands for colour matching and sampling through to manufacture as well as the tools to develop new products.



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