

NEW

Introducing two distinct product ranges of bonding pastes suitable for a large number of different bonding applications.

Crystic Bonding Pastes

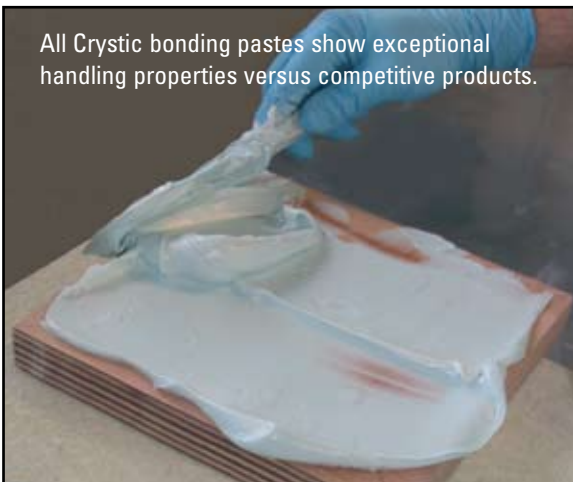


Crystic General Purpose Bonding Pastes

are suitable for non-structural GRP applications. The extensive range includes both orthophthalic and isophthalic bonding pastes with a variety of product features providing excellent customer choice.

Crystic High Performance Bonding Pastes

are formulated with the addition of the unique Scott Bader urethane acrylate technology to improve fatigue resistance compared to a standard bonding paste. This range of bonding pastes can be used when higher performance than a standard bonding paste is required and when structural adhesives are over specified. The range provides an alternative to vinyl ester bonding pastes.



All Crystic bonding pastes show exceptional handling properties versus competitive products.



A wooden pad being applied to a GRP laminate with Crystic BP 90-84PA.

Markets / Applications

MARINE

Bonding double marine skins
Attaching foam stringers to GRP hulls
Bonding wooden pads to GRP laminates
Filling rudder blades

TRANSPORT

Fitting inserts
Fairing GRP mouldings
Filling corners and voids

TANKS & PIPES

Filling grooves and corners
Levelling and repairing surface imperfections
Bonding sewage containers

BUILDING

Bonding & fitting double skin doors
Bonding inserts into garage doors
Bonding double skin baths together

Crystic General Purpose Bonding Pastes

A range of orthophthalic and isophthalic bonding pastes to suit all applications.



Key Benefits

The General Purpose Bonding Paste range shows exceptional handling properties and no resin additions are required to ensure good flow.

This range has a wide variety of different product benefits:-

- Range of densities
- Range of gel times
- Colour change
- Low shrinkage
- Range of substrates – GRP, wood, stainless steel or aluminium

Range Overview

Choose the product that suits your needs

Name	Description	Geltime*	Colour Change	Elongation at Break %	Lap Shear (MPa)	Specific Gravity
ORTHOPHTHALIC						
BP 90-78PA	Fast cure orthophthalic bonding paste	8	None (White)	1.0	10.5	1.2
BP 90-79PA	Very fast cure orthophthalic bonding paste	4	None (Grey)	1.3	10.9	1.2
BP 90-80PA	Orthophthalic bonding paste reinforced with glass fibres	12	Blue to White	0.8	9.7	1.26
BP 90-81PA	Lightweight orthophthalic bonding paste with fast cure	8	Blue to White	1.2	7.3	0.6
BP 90-82PA	General purpose orthophthalic bonding paste	12	Blue to White	2.8	11.2	1.2
BP 90-83PA	General purpose orthophthalic bonding paste with good flexibility	30	Blue to White	4.0	9.8	1.2
BP 90-84PA	Lightweight orthophthalic bonding paste with low exotherm	30	Blue to Cream	1.5	–	0.6
BP 90-86PA	Orthophthalic bonding paste reinforced with mashed glass fibres	10	Blue to Yellow	11	–	1.15
BP 90-87PA	Sprayable orthophthalic bonding paste with high flexibility	6	Blue to Amber	8	13.3	1.15
ISOPHTHALIC						
BP 91-20PA	Good fatigue resistant isophthalic bonding paste reinforced with glass fibres	33	Blue to Natural	8	–	1.15
BP 91-21PA	Good fatigue resistant isophthalic bonding paste with low exotherm	27	Blue to Grey	2.5	–	1.3

Minimum order quantities may apply.

* 2% Butanox M-50 (or other MEKP catalyst) at 25°C

Crystic High Performance Bonding Pastes

Crystic High Performance Bonding Pastes are formulated with the addition of the unique Scott Bader urethane acrylate technology to give a higher technical performance than a standard bonding paste.

The 621CC bonding pastes include a range of geltimes with the following product benefits:-

- DNV Approval
- Low Shrink
- Lap shear of 9.8MPa
- Elongation at Break of 2.8% - 3.3%
- Specific Gravity of 1.25
- Colour Change Mechanism

The 621CC range of bonding pastes have the following applications:-

Applications

- ✓ Where higher performance than a standard bonding paste is required
- ✓ When improved fatigue resistance compared to standard bonding paste is needed
- ✓ Where structural adhesives are over specified
- ✓ An alternative to vinyl ester bonding pastes

Nimbus 365 Coupé



Customer Endorsement

“BP 621CC has good handling properties and no sagging on vertical surfaces. Our own tests with 30mm thick layers gave very little shrinkage and low exotherm (measured at 65°C). Both the bonding strength and the non-shrinkage properties are big advantages to us.”

Senior Engineer at Nimbus Scandinavia

Scott Bader Composites Europe

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