

Support Bulletin # 95

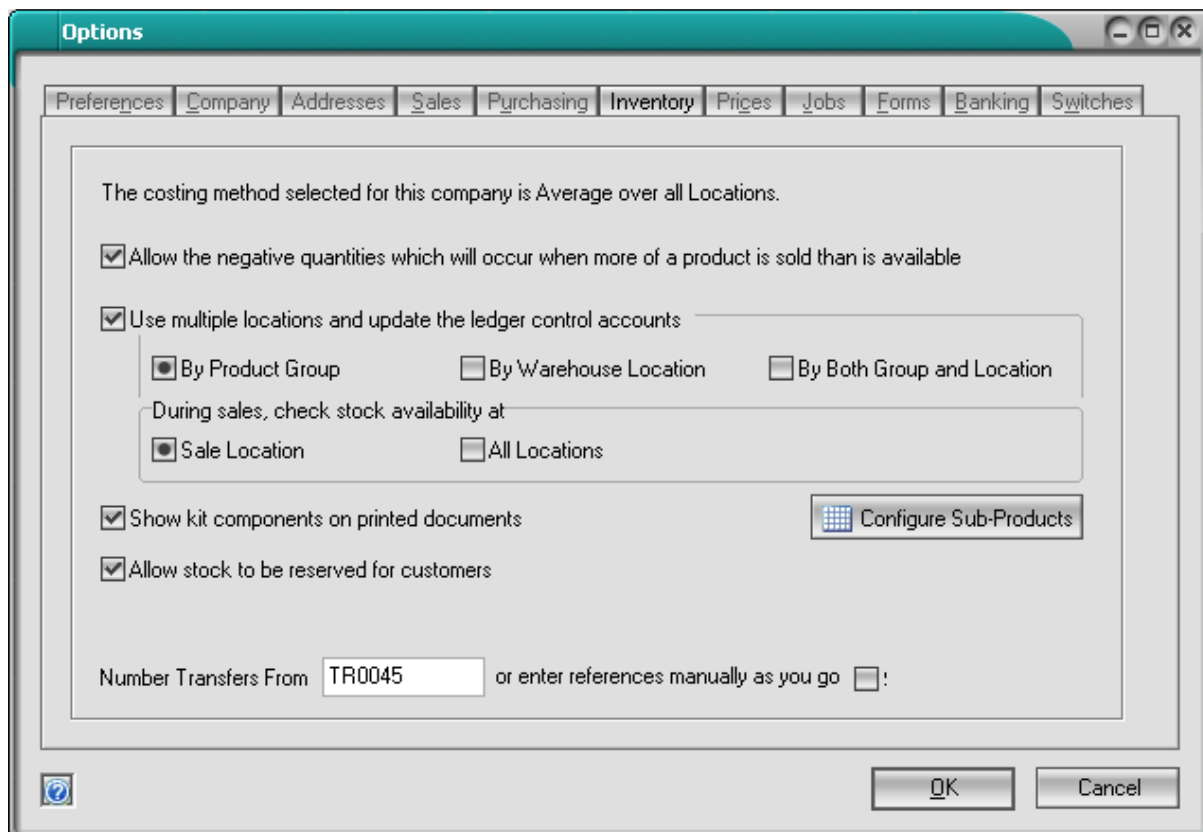
An Introduction to ABM Structured Stock

ABM Structured Stock has been developed and implemented in ABM 2010 Service Pack 1.

An ABM Structured Stock Linker program is also available (ABMSTRUCTPRODLINK.EXE) which can convert existing product codes to structured codes.

Configuring Structured Stock

Structured Stock can be configured by going into Tools -> Options -> Inventory. There is a new button called "Configure Sub Products"



"Configure Sub products" allows you to set up your structured stock matrix design, you can have a maximum of two sub products (two dimensional matrix). In this example the first sub product is defined as the colour and the second sub product is defined as the size.

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It is important that the definition in configure sub products is correctly set up before structured stock codes are created as it is not possible to alter these settings after you have created new structured codes

Configure Sub-Products

I require sets of sub-products

The first set of sub-products shows the and the code is always characters long.

The second set of sub-products shows the and the code is always characters long.

Each portion of the combined product code will be separated by a

Setting up Colour and Size Ranges

Under the products menu there is a new area to set up colour and size ranges

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COLs COL Ranges

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4 COLs

COLs

Drag a column header here to group by that column

COL Code	COL Title
Red	Red
Gre	Green
Blu	Blue
Yel	Yellow

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Click on the New button to create new colour and size ranges, you can also define which range the colours and sizes relate to. For example you can define a “Summer” range for each of colour size selection when setting up the product.

A screenshot of a software window titled 'Add New COL'. The window has a standard Windows-style title bar with minimize, maximize, and close buttons. Below the title bar is a menu bar with icons for 'Save and New', 'Copy', 'Paste', 'Print', and a help icon. The main area of the window is divided into a left sidebar and a main content area. The sidebar has a 'Details' link with a right-pointing arrow. The main content area contains several input fields: 'COL Code' with the text 'Red', 'COL Title' with the text 'Red', 'COL Status' with a dropdown menu showing 'Available', and 'Product Ranges' with a list box containing a checked item 'Summer'. Below the list box are three buttons: 'Add Range' (with a plus icon), 'Edit Range' (with a folder icon), and 'Remove Range' (with an X icon).

Setting up a Structured Product

From the Products menu click New to create a new product, add your product title and product code as normal for the range of colours/sizes the product will apply to. Add the pricing for the range of colours/sizes being created. Click on the financial tab and select the colour/size range required for the product (e.g. colour range is summer, size range is general sizes)

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ABM Add New Product

Save and Close Save and New Copy Paste Print Send to Excel Margins

- Prices and Status
- Financial
- Sales Information
- Purchasing
- Notes
- 1 Special 1
- Locations
- Bins
- Components

Product Group: All Products COL Range: Summer

Category: SIZ Range: General Sizes

GST Category: 10% GST

Select COLs, SIZs & Barcodes by Grid

Revalue Product

Stock	Quantity	Value	Average
On Hand	0	0.00	None
Last Delivery	0	0.00	None

Sales	Value	Cost	Gross Profit
This Period	0.00	0.00	0.00
This Year	0.00	0.00	0.00
	0.00	0.00	0.00

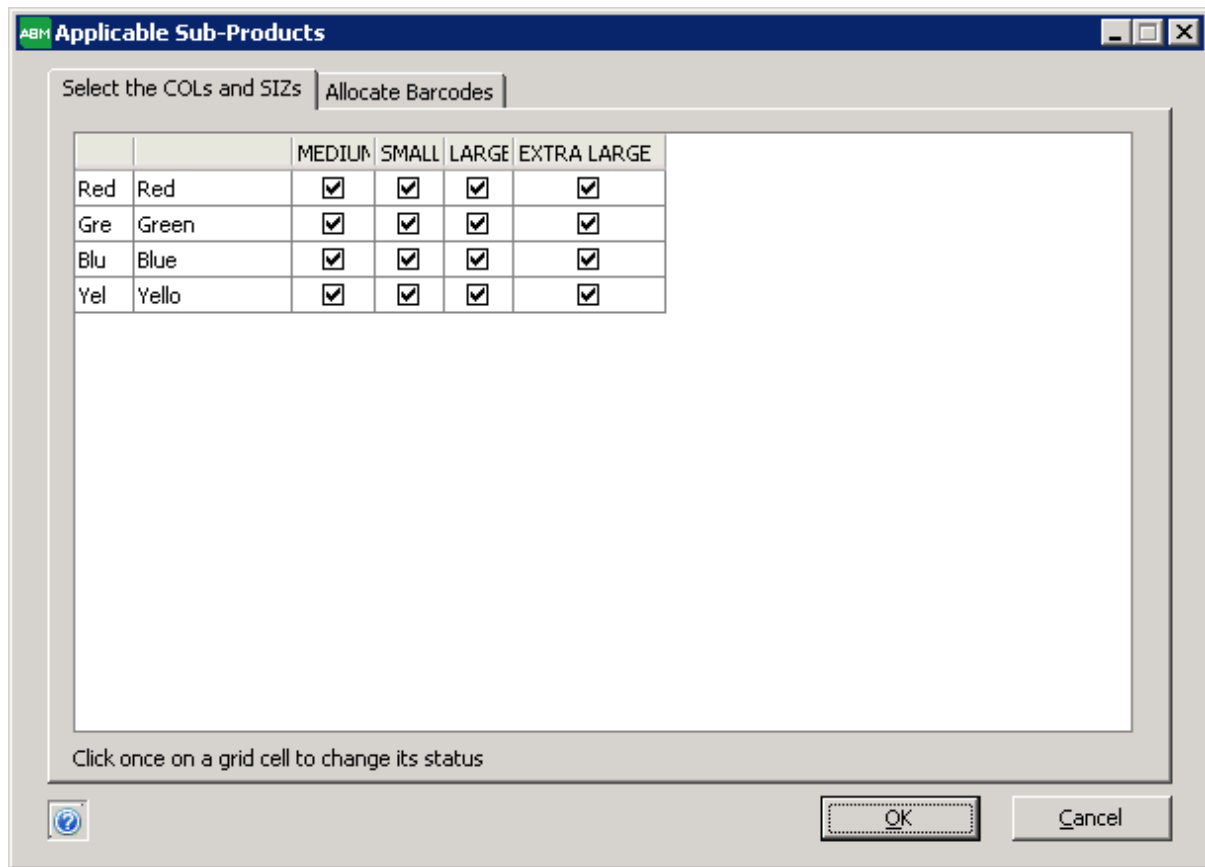
Stock Ageing

December	0%
November	0%
October	0%
September	0%
August	0%
July	0%
June	0%
May	0%
April	0%
March	0%
February	0%
January	0%
Older	0%

Calculate Ageing %

The average age of this product is xxx days.

You can also select colours, sizes and barcodes by grid to selectively pick and chooses which colours/sizes are applicable to this product



Save and Close the product. The system will create separate stock records for each colour/size combination selected in the grid. It will also create a header record for the header code (which is an accumulation of all the classes and sub classes (colour and size)
Note the + button next to the header record

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59 Products

Products SHIR

Drag a column header here to group by that column

Product Code	Product Title	Product Group	Category	Free Stock	Retail
SHIRT	HAWAIN SHIRT	All Products		0	100.00
MAINT	Maintenance (Painting)	Non Diminishing		0	14.00
free	free	All Products		-10	100.00
9005	Cleaning Fluid - Acrylic - Eco	Hardware	Fluid	72	9.03
9004	Colour chart 1	Free	free	0	0.00
9003	Masking tape	Hardware		266	2.12
9002	Stirrer	Free	free	0	0.00
9001	Lable01	Packaging		254	15.76
800T.5LTin	Tin Containers 5l	Packaging		274	195.00
800T.500	Tin Containers 500ml	Packaging		295	4.28
800T.20LTin	Tin Container 20l	Packaging		111	5.89
800P.10L	Plastic Container 10L	Packaging		284	5.60
7022	Boxes	Packaging		190	12.91
7021	Tray L	Hardware		283	27.80
7020	Tray M	Hardware		104	5.94
7019	Sponge Brush	Hardware		511	1.35
7018	Roller 8"	Hardware		147	9.28
7017	Roller 16"	Hardware		37	22.39
7013	Funnel - Large	Hardware		187	5.60
7012	Paintbrush 2"	Hardware		84	2.60
7011	Paintbrush 1/2"	Hardware		270	2.80
7010	Compressor - Blue Falcon	Hardware		80	267.66
7000	Airbrush	Hardware		57	270.00

Expand the plus button to see all the combinations of colours/sizes for this code

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59 Products

Products SHIR

Drag a column header here to group by that column

Product Code	Product Title	Product Group	Category	Free Stock	Retail
SHIRT.Yel.XLGE	HAWAIN SHIRT Yello EXTRA LARGE	All Products		0	100.00
SHIRT.Yel.SML	HAWAIN SHIRT Yello SMALL	All Products		0	100.00
SHIRT.Yel.MED	HAWAIN SHIRT Yello MEDIUM	All Products		0	100.00
SHIRT.Yel.LRG	HAWAIN SHIRT Yello LARGE	All Products		0	100.00
SHIRT.Red.XLGE	HAWAIN SHIRT Red EXTRA LARGE	All Products		0	100.00
SHIRT.Red.SML	HAWAIN SHIRT Red SMALL	All Products		0	100.00
SHIRT.Red.MED	HAWAIN SHIRT Red MEDIUM	All Products		0	100.00
SHIRT.Red.LRG	HAWAIN SHIRT Red LARGE	All Products		0	100.00
SHIRT.Gre.XLGE	HAWAIN SHIRT Green EXTRA LARGE	All Products		0	100.00
SHIRT.Gre.SML	HAWAIN SHIRT Green SMALL	All Products		0	100.00
SHIRT.Gre.MED	HAWAIN SHIRT Green MEDIUM	All Products		0	100.00
SHIRT.Gre.LRG	HAWAIN SHIRT Green LARGE	All Products		0	100.00
SHIRT.Blu.XLGE	HAWAIN SHIRT Blue EXTRA LARGE	All Products		0	100.00
SHIRT.Blu.SML	HAWAIN SHIRT Blue SMALL	All Products		0	100.00
SHIRT.Blu.MED	HAWAIN SHIRT Blue MEDIUM	All Products		0	100.00
SHIRT.Blu.LRG	HAWAIN SHIRT Blue LARGE	All Products		0	100.00
SHIRT	HAWAIN SHIRT	All Products		0	100.00
MAINT	Maintenance (Painting)	Non Diminishing		0	14.00
free	free	All Products		-10	100.00
9005	Cleaning Fluid - Acrylic - Eco - R5	Hardware	Fluid	72	9.03
9004	Colour chart 1	Free	free	0	0.00
9003	Masking tape	Hardware		266	2.12
9002	Stirrer	Free	free	0	0.00

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Each combination of colour/size is a separate product itself. It can be edited as a separate product, with its own unique pricing, grouping etc. For example XLGE could be a different selling price from SML, these can be manually altered on each product.

Creating an Invoice with Structured Products

When generating an invoice for structured products, you can enter the header product code (In this example SHIRT) and ABM will bring up the product matrix when you tab from the first qty field

		SMALL	MEDIUM	LARGE	EXTRA LARGE
Red	Red	1	2	0	0
Gre	Green	0	0	0	0
Blu	Blue	0	4	0	0
Yel	Yellow	0	0	5	0

Status at: Head Office

Quantity on hand	0
Less Customer Back Orders	0
Less Customer Orders	0
Quantity Free	0
Plus on Supplier Order	0
Net Stock	0
Minimum Quantity	0
Shortfall	None
Price	110.69
Discount	0.00%

Enter into the grid above the quantity of each COL and SIZ

Quantity Selected: 12

OK Cancel

Note that the grid shows the product status for each combination of colour/size as you scroll through the quantities.

If required it is also possible to invoice these products without the matrix grid by selecting the full product code in the product search (I.e. not the header record)

After entering your colours/sizes required in the grid, clicking the ok button will return these products to the ABM Invoice screen

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ABM Sales Invoice - 101 - House of Colour

Open Printing Options Line Items Cancel Save & New Save & Close

Customer Deliver To Product Item Text Item Ledger Item Job Item Payment

Product Code SHIRT.Red.SML Each Price ex.GST 110.69

Description ... HAWAIN SHIRT Red SMALL Discount % 0.00 %

Qty. Invoiced 1 GST Code Exempt Customer

Qty. Delivered 1 Only 0 in stock, 0 on customer order GST Amount 0.00

Qty. Ordered 1 Deliver On 23/12/2010

Location Head Office (0 available)

Unit Cost 0.00 Cancel Item Next Item

Code	Description	Quantity	Price	Discount	Exc.GST	GST	Inc.GST
SHIRT.Red.SML	HAWAIN SHIRT Red SMALL	1	110.69	0.00	110.69	0.00	110.69
SHIRT.Red.MED	HAWAIN SHIRT Red MEDIUM	2	110.69	0.00	221.38	0.00	221.38
SHIRT.Blu.MED	HAWAIN SHIRT Blue MEDIUM	4	110.69	0.00	442.76	0.00	442.76
SHIRT.Yel.LRG	HAWAIN SHIRT Yello LARGE	5	110.69	0.00	553.45	0.00	553.45
Line No.1	Credit Limit Exceeded		NZ\$ Totals	0.00	1,328.28	0.00	1,328.28

Amendments to pricing, discounts, quantity can be made on each line as required. On saving the invoice, ABM will post the required matrix to the appropriate ZTABLE. It will be formatted in the matrix layout so the Crystal Form can pick up the required format.

ABM Structured Stock requires specific matrix crystal form layouts. The default matrix layouts are available from ABM.

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