



Product Catalog



Table of Contents

About Midwest	pg. 4
Midwest Displays	pg. 5
Midwest Wood	pg. 12
Cork	pg. 17
House Framing Kits	pg. 18
Education	pg. 19
Activity Kits	pg. 21
Tools	pg. 22



In 1952, friends combined their passions for model airplanes to develop a thriving business dedicated to providing high-quality products to enthusiasts around the world.

For 70 years, Midwest's product line and distribution have grown and changed, but its passion for quality has remained steadfast. Today, Midwest Products is a leading worldwide supplier of quality raw materials and accessories to distributors and retailers.

Our products are used for leisure, educational purposes, and professional pursuits. We are proud that our products enrich the lives of people around the world everyday.

Why Buy Midwest?

We have 70 years of experience in precision and quality

- Patented processing technology using custom machines
- Tolerances of $\pm .002$ " (smaller than a human hair)
- Veneers to $\frac{1}{64}$ "
- Precision band saw planing, sanding and stripping processes
- Exclusive five step finishing process eliminates wind checks, gouges, worm holes, and mineral streaks
- Length, width, and thickness uniform in each and every piece

Proudly Made in the USA!

- Domestic warehouse and fulfillment
- Low minimum order quantity
- Strong quality assurance and quality control

We use AAA quality raw materials

- Breadth of wood species
- All woods are eco-friendly supporting a campaign of reforestation

Become a Distributor

If you are interested in becoming a distributor for Midwest Products, please send an email to info@midwestproducts.com

Please include a brief description of your business and your Resale Certificate. If you qualify, we will follow-up directly with a New Customer packet.



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125 Modular Merchandising System

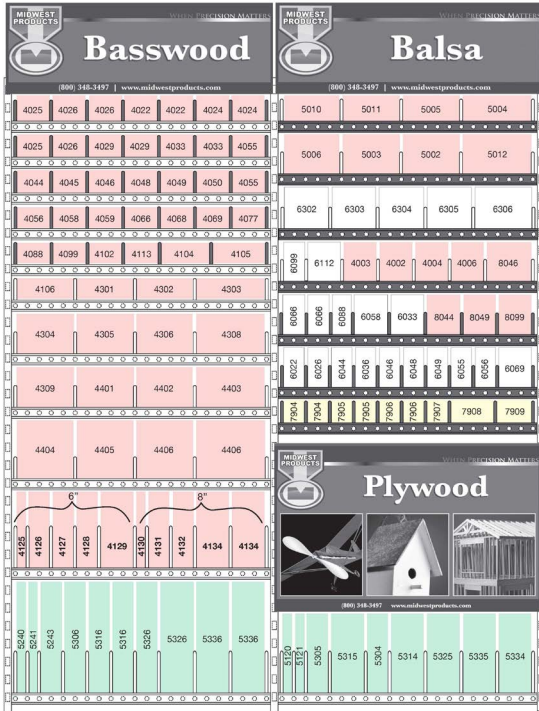
Display every product line we offer, and all types of packaging, in one area. The 125 Modular Merchandising System has the ability to showcase any kind of packaging - boxes, bundles, blister cards, poly bags with header cards - in a convenient endcap or stand alone display. It comes assembled and includes attractive signage, channel strips, and inventory tags with UPCs.



- 125 display includes straight shelves for 12" and 24" product, slanted shelves for 36" product, and hang bars and snap in wires for peg merchandise
- This can be filled with a variety of assortments*: 100H for Hobbies, 100B and 100B8 for Crafts and Art Materials, and 100A for Architecture and Modeling

* All assortments sold separately

125-B Modular Merchandising System for Craft & Art Materials



Assortment #100B (sold separately)

36" Balsa	4045	1/8 X 3/16	4302	1/16 X 3	Plywood	
6022	1/16 X 1/16	4046	1/8 X 1/4	4303	3/32 X 3	
6026	1/16 X 1/4	4048	1/8 X 3/8	4304	1/8 X 3	
6033	3/32 X 3/32	4049	1/8 X 1/2	4305	3/16 X 3	
6036	3/32 X 1/4	4050	5/32 X 5/32	4306	1/4 X 3	
6044	1/8 X 1/8	4055	3/16 X 3/16	4308	3/8 X 3	
6046	1/8 X 1/4	4056	3/16 X 1/4	4309	1/2 X 3	
6048	1/8 X 3/8	4058	3/16 X 3/8	4401	1/32 X 4	
6049	1/8 X 1/2	4059	3/16 X 1/2	4402	1/16 X 4	
6055	3/16 X 3/16	4066	1/4 X 1/4	4403	3/32 X 4	
6056	3/16 X 1/4	4068	1/4 X 3/8	4404	1/8 X 4	
6058	3/16 X 3/8	4069	1/4 X 1/2	4405	3/16 X 4	
6066	1/4 X 1/4	4077	5/16 X 5/16	4406	1/4 X 4	
6069	1/4 X 1/2	4088	3/8 X 3/8	36" Basswood		
6088	3/8 X 3/8	4099	1/2 X 1/2	8044	1/8 X 1/8	
6099	1/2 X 1/2	4102	1/16 X 1	8046	1/8 X 1/4	
6112	1 X 1	4104	1/8 X 1	8049	1/8 X 1/2	
6302	1/16 X 3	4105	3/16 X 1	8099	1/2 X 1/2	
6303	3/32 X 3	4106	1/4 X 1	4002	1/16 X 3	
6304	1/8 X 3	4113	1/8 X 2	4003	3/32 X 3	
6305	3/16 X 3	4125	1/16 X 6	4004	1/8 X 3	
6306	1/4 X 3	4126	3/32 X 6	4006	1/4 X 3	
24" Basswood	4127	1/8 X 6	5002	1/16 X 4	12mm Craft Plywood	
4022	1/16 X 1/16	4128	3/16 X 6	5003	3/32 X 4	
4024	1/16 X 1/8	4129	1/4 X 6	5004	1/8 X 4	
4025	1/16 X 3/16	4130	1/16 X 8	5005	3/16 X 4	
4026	1/16 X 1/4	4131	3/32 X 8	5006	1/4 X 4	
4029	1/16 X 1/2	4132	1/8 X 8	5010	1/8 X 6	
4033	3/32 X 3/32	4134	1/4 X 8	5011	3/16 X 6	
4044	1/8 X 1/8	4301	1/32 X 4	5012	1/4 X 6	
					36" Dowels	
					7904	1/8 dia.
					7905	3/16 dia.
					7906	1/4 dia.
					7907	5/16 dia.
					7908	3/8 dia.
					7909	1/2 dia.
					24" Aircraft Plywood	
					5120	1/64 X 6
					5121	1/32 X 6
					12" Aircraft Plywood	
					5240	1/64 X 12
					5241	1/32 X 12



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498R Plywood Display

Features

- Displays complete line of Craft Plywood
- Free-standing or endcap display
- Fully assembled
- Plan-o-gram and inventory tags with UPCs included

#498 Assortment (sold separately)

Craft Plywood		Bdl.	12mm (1/2)		Bdl.
3mm (1/8)			6 x 12		1
5304	6 x 12	1	5334	6 x 12	1
5305	12 x 12	2	5335	12 x 12	1
5306	12 x 24	1	5336	12 x 24	1
6mm (1/4)					
5314	6 x 12	1			
5315	12 x 12	2			
5316	12 x 24	2			
9mm (3/8)					
5324	6 x 12	1			
5325	12 x 12	1			
5326	12 x 24	1			



Dimensions: 16"W x 17 1/2"D x 41"H
(Metal, includes 1 sign)



Dimensions: 16"W x 17 1/2"D x 41"H
(Metal, includes 1 sign)

499R Craft Plywood Display

#499 Assortment (sold separately)

Craft Plywood		5325	12 x 12
3mm (1/8)		5326	12 x 24
5303	4 x 12	12mm (1/2)	
5304	6 x 12	5334	6 x 12
5305	12 x 12	5335	12 x 12
5306	12 x 24	5336	12 x 24
6mm (1/4)		Aircraft Plywood	
5313	4 x 12	6 x 12	
5314	6 x 12	5120	0.4mm (1/64)
5315	12 x 12	5121	0.8mm (1/32)
5316	12 x 24	12 x 24	
9mm (3/8)		5240	0.4mm (1/64)
5323	4 x 12	5241	0.8mm (1/32)
5324	6 x 12		

Features

- Displays complete line of Craft Plywood plus thinnest sizes of Aircraft Plywood in 12" and 24" lengths
- Free-standing or endcap display
- Fully assembled
- Plan-o-gram and inventory tags with UPCs included

78R Basswood and Craft Plywood Display

Features

- Our two most popular wood types: Basswood and Craft Plywood
- Floor or gondola display
- Set up in less than 10 minutes
- Fully assembled
- Small footprint - only two square feet of floor space

#78 Assortment (sold separately)

24" Craft Plywood (1 bundle each)		24" Basswood (1 bundle each)	
5306	1/8 (3mm) x 12	4022	1/16 x 1/16
5316	1/4 (6mm) x 12	4025	1/16 x 3/16
36" Basswood		4044	1/8 x 1/8
8044	1/8 x 1/8	4302	1/16 x 3
8046	1/8 x 1/4	4306	1/4 x 3
8049	1/8 x 1/2	4402	1/16 x 4
8099	1/2 x 1/2	4404	1/8 x 4
4002	1/16 x 3	Economy Bags (3 each)	
4003	3/32 x 3	17	Basswood
4004	1/8 x 3	19	Balsa
5002	1/16 x 4		
5003	3/32 x 4		
5004	1/8 x 4		



Dimensions: 16"W x 17 1/2"D x 36"H
(Metal, includes 2 sign)

550R Basswood Waterfall Display

Features

- Sturdy wire pegboard display
- Fully assembled
- Minimal investment
- Only two square feet of pegboard space

#550 Assortment (sold separately)

24" Basswood	
4022	1/16 X 1/16
4044	1/8 X 1/8
4066	1/4 X 1/4
4401	1/32 X 4
4402	1/16 X 4
4404	1/8 X 4
4124	1/32 X 6
4125	1/16 X 6
4127	1/8 X 6



Dimensions: 13"W x 6"D x 26"H
(including 24" Basswood)

500 Plywood Waterfall Display

#500 Assortment (sold separately)

3mm (1/8)		9mm (3/8)	
5303	4 x 12	5323	4 x 12
5304	6 x 12	5324	6 x 12
5305	12 x 12	5325	12 x 12
5306	12 x 24	5326	12 x 24

6mm (1/4)		12mm (1/2)	
5313	4 x 12	5333	4 x 12
5314	6 x 12	5334	6 x 12
5315	12 x 12	5335	12 x 12
5316	12 x 24	5336	12 x 24

Features

- Sturdy wire pegboard display
- Fully assembled
- Only two square feet of pegboard space



Dimensions: 12 5/8"W x 8 3/4"D x 24 1/2"H
(including 24" Plywood)



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Mini Wood Display Rack

Features

- Sturdy wire metal display
- Fully assembled
- Minimal investment
- Only two square feet of floor space



Dimensions: 16"W x 17 1/2"D x 36"H
(metal, includes 1 sign)

Assortment Options (each sold separately)

#480R, Display Rack

#480, Balsa/Basswood Combo, 1 Bundle Each

36" Balsa	24" Basswood	4402 1/16 x 4
6033 3/32 x 3/32	4022 1/16 x 1/16	4404 1/8 x 4
6044 1/8 x 1/8	4026 1/16 x 1/4	36" Basswood
6046 1/8 x 1/4	4033 3/32 x 3/32	5002 1/16 x 4
6049 1/8 x 1/2	4044 1/8 x 1/8	5004 1/8 x 4
6055 3/16 x 3/16	4046 1/8 x 1/4	
6066 1/4 x 1/4	4055 3/16 x 3/16	
6088 3/8 x 3/8	4066 1/4 x 1/4	
6099 1/2 x 1/2	4099 1/2 x 1/2	
6302 1/16 x 3	4302 1/16 x 3	
6303 3/32 x 3	4303 3/32 x 3	
6304 1/8 x 3	4304 1/8 x 3	
6306 1/4 x 3	4306 1/4 x 3	

#495R, Display Rack

#495, Dowels

12"			7908 4 bdl. 3/8" dia.
7903 3 pkg.	1/16" dia.		7909 3 bdl. 1/2" dia.
36"			7910 3 bdl. 5/8" dia.
7904 8 bdl.	1/8" dia.		7911 3 bdl. 3/4" dia.
7905 4 bdl.	3/16" dia.		7912 3 bdl. 7/8" dia.
7906 6 bdl.	1/4" dia.		7913 4 bdl. 1" dia.
7907 4 bdl.	5/16" dia.		7914 4 bdl. 7/16" dia.

#485R, Display Rack

#485, 24" Basswood, 1 Bundle Each

4022 1/16 x 1/16	4069 1/4 x 1/2	4305 3/16 x 3
4024 1/16 x 1/8	4088 3/8 x 3/8	4306 1/4 x 3
4026 1/16 x 1/4	4099 1/2 x 1/2	4308 3/8 x 3
4029 1/16 x 1/2	4102 1/16 x 1	4309 1/2 x 3
4033 3/32 x 3/32	4104 1/8 x 1	4402 1/16 x 4
4044 1/8 x 1/8	4106 1/4 x 1	4404 1/8 x 4
4046 1/8 x 1/4	4302 1/16 x 3	4406 1/4 x 4
4055 3/16 x 3/16	4303 3/32 x 3	
4066 1/4 x 1/4	4304 1/8 x 3	



WHEN PRECISION MATTERS
MIDWEST PRODUCTS
www.midwestproducts.com
BALSA
MADE IN USA
3/32" x 3" x 36"

WHEN PRECISION MATTERS
MIDWEST PRODUCTS

Building



Materials

Micro-Cut Quality®

Describes our unique approach to producing the finest sheets, strips, and blocks world-wide. We start with the highest quality wood from tree plantations and using our in-house developed machinery we are able to provide cut tolerances up to 0.002 inches. Lastly our five-step inspection process ensures that every piece of wood we produce is up to the highest standard in the industry.



Basswood

A domestic wood cut in Northern Michigan and Wisconsin, desired because of its economy, workability and finishing qualities.

Its close, tight homogeneous grain structure makes it ideal for a wide variety of hobby, craft and miniature projects.

Thin Basswood may be cut with a hobby knife; thicker Basswood requires a saw for cutting. Basswood may be stained or painted to represent any wood type.



- Forms:
- Blocks
 - Sheets
 - Strips
 - Economy Bags

Balsa

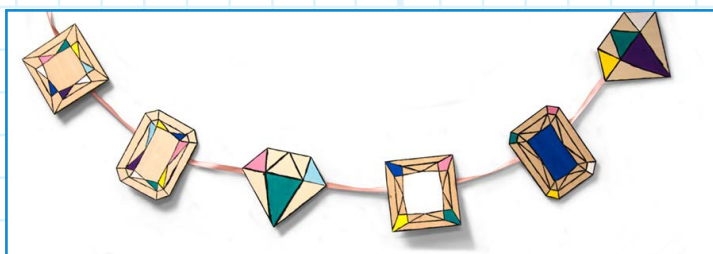
Grown in South American rain-forests, Midwest's Balsa is kiln-dried to produce a light-weight and high strength-to-weight ratio wood.

Our Balsa is grown on plantations, not harvested from the rainforest. These plantations are established in fields previously used for agriculture. The balsa comes from new growth trees. Seedlings are continuously cultivated and germinated in nurseries, then planted on the plantations. Parts of these plantations are left to nature to conserve the natural habitat of many animal species.

Balsa cuts easily with a hobby knife and can be stained or painted to represent any wood type. It is the premier wood for modeling.



- Forms:
- Sheets
 - Strips
 - Economy Bags
 - Carving Block Bag





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Plywood

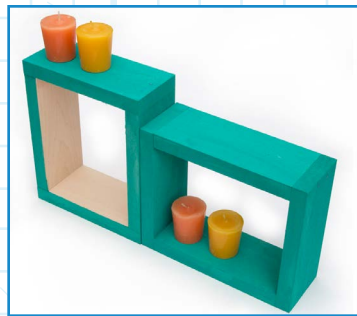
Midwest plywood is cut with precision in the USA from wood imported from various countries.

Forms:

- Sheets
- Sold in bundles
- Various thicknesses
- One plywood economy bag

Craft Plywood

Made with a high-quality Birch veneer imported from Finland and Russia. These sheets are perfect for painting, staining, stenciling, and wood burning. Craft plywood cuts easily with a saw and is suitable for both indoor and outdoor (must be sealed) use. Available in 3mm, 6mm, 9mm, and 12mm thicknesses.



Aircraft Plywood

Made from high-quality Birch imported from Russia and Finland. Aircraft plywood is certified to that grade. It is manufactured to a higher more specific standard. The main difference is that this plywood is not veneer. Because our aircraft grade is 100% wood and made up of thinner ply with no 'covering', it is lighter, which is ideal for modeling.

Dowels

Made in China. Birch hardwood dowels are ideal for any hobby, craft or educational woodworking project.



Bundles 24" Strips			4088 3/8 x 3/8			4306 1/4 x 3			5010 1/8 x 6		
4022	1/16	x 1/16	4099	1/2	x 1/2	4308	3/8	x 3	5011	3/16	x 6
4024	1/16	x 1/8	24" Sheets			4309	1/2	x 3	5012	1/4	x 6
4025	1/16	x 3/16	4102	1/16	x 1	4401	1/32	x 4	36" Strips		
4026	1/16	x 1/4	4104	1/8	x 1	4402	1/16	x 4	8044	1/8	x 1/8
4029	1/16	x 1/2	4105	3/16	x 1	4403	3/32	x 4	8046	1/8	x 1/4
4033	3/32	x 3/32	4106	1/4	x 1	4404	1/8	x 4	8049	1/8	x 1/2
4044	1/8	x 1/8	4113	1/8	x 2	4405	3/16	x 4	8099	1/2	x 1/2
4045	1/8	x 3/16	4125	1/16	x 6	4406	1/4	x 4	12" Blocks		
4046	1/8	x 1/4	4126	3/32	x 6	36" Sheets			4421	2	x 3
4048	1/8	x 3/8	4127	1/8	x 6	4002	1/16	x 3	4431	2	x 8
4049	1/8	x 1/2	4128	3/16	x 6	4003	3/32	x 3			
4050	5/32	x 5/32	4129	1/4	x 6	4004	1/8	x 3			
4055	3/16	x 3/16	4130	1/16	x 8	4006	1/4	x 3			
4056	3/16	x 1/4	4131	3/32	x 8	5002	1/16	x 4			
4058	3/16	x 3/8	4132	1/8	x 8	5003	3/32	x 4			
4059	3/16	x 1/2	4134	1/4	x 8	5004	1/8	x 4			
4066	1/4	x 1/4	4301	1/32	x 3	5005	3/16	x 4			
4068	1/4	x 3/8	4302	1/16	x 3	5006	1/4	x 4			
4069	1/4	x 1/2	4303	3/32	x 3	5007	1/32	x 6			
4077	5/16	x 5/16	4304	1/8	x 3	5008	1/16	x 6			
			4305	3/16	x 3	5009	3/32	x 6			

Basswood SKUs and Sizes



Bundles 36" Strips			36" Sheets		
6022	1/16	x 1/16	6112	1	x 1
6026	1/16	x 1/4	6302	1/16	x 3
6033	3/32	x 3/32	6303	3/32	x 3
6036	3/32	x 1/4	6304	1/8	x 3
6044	1/8	x 1/8	6305	3/16	x 3
6046	1/8	x 1/4	6306	1/4	x 3
6048	1/8	x 3/8			
6049	1/8	x 1/2			
6055	3/16	x 3/16			
6056	3/16	x 1/4			
6058	3/16	x 3/8			
6066	1/4	x 1/4			
6069	1/4	x 1/2			
6088	3/8	x 3/8			
6099	1/2	x 1/2			

Balsa SKUs and Sizes



Thin Plywood SKUs and Sizes

Aircraft Grade (Birch)		
6 x 12		
5120	0.4mm	(1/64)
5121	0.8mm	(1/32)
5123	2.5mm	(3/32)
12 x 24		
5240	0.4mm	(1/64)
5241	0.8mm	(1/32)
5243	2.5mm	(3/32)
5244	3.0mm	(1/8)

Craft Plywood SKUs and Sizes

3mm (1/8)			9mm (3/8)		
5303	4	x 12	5323	4	x 12
5304	6	x 12	5324	6	x 12
5305	12	x 12	5325	12	x 12
5306	12	x 24	5326	12	x 24
6mm (1/4)			12mm (1/2)		
5313	4	x 12	5334	6	x 12
5314	6	x 12	5335	12	x 12
5315	12	x 12	5336	12	x 24
5316	12	x 24			
5318	1	x 36			
5319	2	x 36			
5320	6	x 36			
5321	3 1/2	x 36			

Dowel SKUs and Sizes

12" Hardwood		
7903	1/16"	dia.
36" Hardwood		
7904	1/8"	dia.
7905	3/16"	dia.
7906	1/4"	dia.
7907	5/16"	dia.
7908	3/8"	dia.
7909	1/2"	dia.
7910	5/8"	dia.
7911	3/4"	dia.
7912	7/8"	dia.
7913	1"	dia.

* all sizes are nominal

* all sizes are nominal



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Carving Materials

3802, 6 Piece Carving Knives

High carbon steel blades and hardwood handles.

Contains:

- 12mm Skew Chisel
- 12mm Straight Chisel
- 12mm Bent Chisel
- 10mm Straight Gouge
- 10mm Front Bent Gouge
- 10mm 'V' Gouge



3803, Carving Knives

A selection of fine carving knives, perfect for almost any carving project.

Contains 10 Knives:

- 3mm No. 8 Gouge
- 5mm No. 5 Gouge
- 8mm No. 8 Gouge
- 5mm Skew Chisel
- 8mm Skew Chisel
- 7mm Double Chisel
- 7mm Round Chisel
- 3mm Woodcarver's Chisel
- 6mm No. 13 V-Tool
- Carving Knife



3804, Wood Carver's Starter Kit

A complete beginner's kit. Learn the basics of wood carving, then apply your skills to more advanced projects.

Includes: Basswood Block, Carving Knives, Sharpening Stone, and Beginner's Guide to Wood Carving Booklet.



Economy Bags

16, Thin Plywood

- 1/8 board foot (18 cubic inches)
- Random sizes or shapes
- Poplar, Craft, or Birch Plywood



17, Basswood

- 1/2 board foot (72 cubic inches)
- Random sizes or shapes
- Basswood

18, Hardwoods

- 1/2 board foot (72 cubic inches)
- Random sizes or shapes
- Basswood, Walnut, Mahogany, or Cherry



19, Balsa

- 1/2 board foot (72 cubic inches)
- Random sizes or shapes
- Balsa

20, Mini Carving Block Balsa

- 1/2 board foot (72 cubic inches)
- Random sizes or shapes
- Balsa Carving Blocks



21, Mini Carving Block Basswood

- 1/2 board foot (72 cubic inches)
- Random sizes or shapes
- Basswood Carving Blocks

23, Strip

- 1/4 board foot (36 cubic inches)
- Random sizes or shapes
- Balsa and Basswood





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Cork Roadbed

Midwest's cork roadbed resembles ballast used on real railroads. Its beveled edges enhance this realism. It has consistent thickness, is lightweight, cuts and shapes easily, and offers excellent sound absorption.



36" Strips



- | | | |
|------|-------------------|-----------------|
| 3013 | 3/16(5mm) x 1 1/4 | HO Scale |
| 3015 | 3/16(5mm) x 1 3/4 | HO Scale 5-Pack |
| 3016 | 3/16(5mm) x 2 5/8 | O Scale |
| 3019 | 1/8(3mm) x 1 1/2 | N Scale |

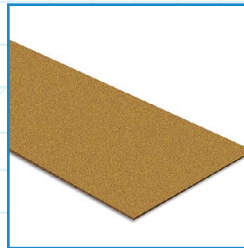


Turnout Pads



- | | | |
|------|--------------------|----------|
| 3022 | Right Hand (2/pkg) | HO Scale |
| 3023 | Left Hand (2/pkg) | HO Scale |

36" Sheets



- | | | |
|------|------------------|--------------|
| 3014 | 3/16(5mm) x 5 | HO & O Scale |
| 3020 | 1/8(3mm) x 3 1/4 | N Scale |

36" Wide Sheets



- | | | |
|------|---------------------|--------------|
| 3030 | 3/16 (5mm) x 11 3/4 | HO & O Scale |
|------|---------------------|--------------|

Project Cork is perfect for all types of projects. Made from 100% recycled cork, it is easy to cut and shape (thin sized can be die-cut). It accepts acrylic paint and water-based glue.

Project Cork

Cork Squares

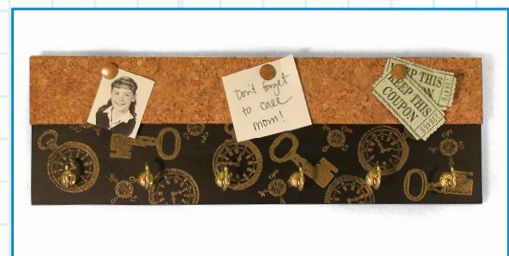


- | | |
|------|-----------------------------|
| 3041 | 3/16" x 12" x 12" - Natural |
|------|-----------------------------|

Cork Roll



- | | |
|------|-------------------|
| 3045 | 1/16" x 24" x 48" |
|------|-------------------|



100-IC, 2 Bedroom Hip Roof Kit

Grades 6 – 12
1 kit per pack

- $\frac{3}{4}$ " scale kit for a two bedroom home with a Hip roof
- Teaches sound wood frame construction in accordance with accepted building codes
- Builder(s) learn the fundamentals of house framing while sitting at a table
- Kit Includes: Micro-Cut Balsa wood, cutting tools, measuring tape, layout pencil, nails, custom miter fixture, instruction booklet, nine working drawings, and a work base that doubles as a foundation for the completed model



Foot pad - approximately 1½' x 2'

R100-IC, 2 Bedroom Hip Roof Refill Kit

Grades 6 – 12
1 kit per pack

Use your 2 Bedroom Hip Roof Kit a second time with this convenient refill kit. Kit includes foam base, Micro-Cut Quality Balsa wood and nails.

104-IC, 2 Bedroom Truss Roof Kit

Grades 6 – 12
1 kit per pack

- $\frac{3}{4}$ " scale kit for a two bedroom home, only with a Truss roof
- Kit Includes: Micro-Cut Balsa wood, cutting tools, measuring tape, layout pencil, nails, custom miter fixture, instruction booklet, nine working drawings, and a work base that doubles as a foundation for the model



Foot pad - approximately 1½' x 2'

101-IC, A-Frame Cabin Kit

Grades 6 – 12
1 kit per pack

- $\frac{3}{4}$ " scale kit is for a one bedroom A-Frame Cabin with bathroom, kitchen, living room, spiral stair case, and loft
- Kit Includes: with Micro-Cut Quality Balsa wood, cutting tools, measuring tape, nails, glue, custom miter fixture, instruction booklet, six working drawings, and a work base that doubles as a foundation for the completed model



Foot pad - approximately 1½' x 2'

105-IC, 2-Story Townhouse Kit

Grades 6 – 12
1 kit per pack

- $\frac{3}{4}$ " scale, two-story Townhouse Framing Kit, with stair case, is framed in accordance with accepted building codes and teaches the fundamentals of sound wood frame construction
- Kit Includes: Micro-Cut Quality Balsa wood, working drawings, instructions, cutting tools, nails, glue, layout pencil, measuring tape, custom miter jig, and a styrofoam work base that doubles as a display base for the completed model



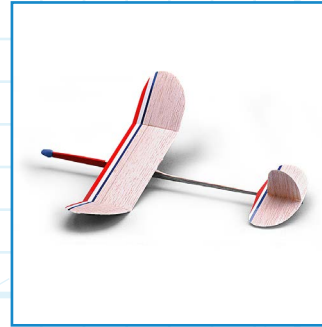
Foot pad - approximately 1½' x 2'



WARNING:
Cancer-Wood Dust
www.P65warnings.ca.gov

502, Flip Glider

Grades 6 - 12
35 kits per pack (class pack)
Kinetic Action Kit



- Features wing-tip dihedral for stability and an airfoil students can sand to shape for optimal lift
- Can be converted to contest version for either hand or catapult launch

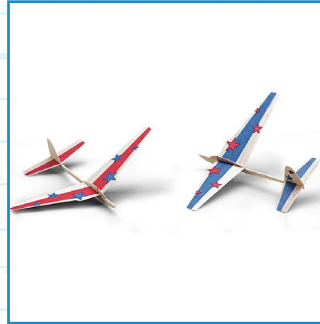
Wingspan: 33.5cm (13")

Power: Hand Launch

505, Star Glider

Grades 1 - 6

70 kits per pack (2 per student) (class pack)
Kinetic Action Kit



This economical option is a perfect first step in aviation science.

Wingspan: 12.7cm (5")
Power: Hand Launch

7150, Tech Glider System

Grades 6 - 12

24 kits per pack (class pack)
Kinetic Action Kit, Competition
Quality Kit



- Fuselage, tail assemblies, and wings that comply with "Flight Challenge" of the National Catapult Glider Competition
- Kit Includes: graph paper, student instructions, design and flight trimming process, tooling, fixtures, and Teacher's Manual discussing aerodynamics

Optional purchases with the #7150 Glider System

- 7151 Tech Glider Consumable Pack - 24 per pack (class pack)
Conduct another "Flight Challenge" in your classroom. Includes Balsa (fuselage, tail assemblies, and wings), graph paper and student instructions
- 7152 Catapult Kit with Rubber Strip - 1 per pack

Bridges and Towers

8650, Basswood Bridge Class Pack 8660, Balsa Bridge Class Pack



Grades 6-12

24 kits per pack
(class pack)

Competition
Training Kit

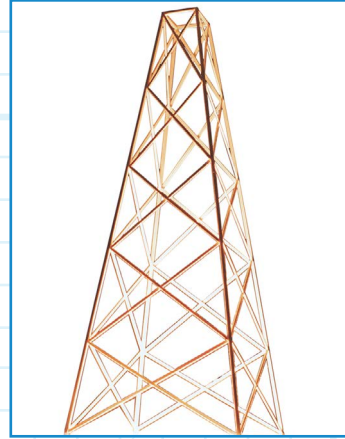
- An exercise in creative problem solving for middle school and high school students
- Bridge building supports a wide variety of curricula including: geometry, physics, technology education, mathematics, and general science
- In addition to classroom competition, there are numerous state and nationwide competitions held annually which offer recognition and awards

Kit Includes: wood (15 pieces per student), adhesive, and competition design parameters to conduct the competitive lab activity.

You may select 360 pieces of either $\frac{1}{8}$ " x $\frac{1}{8}$ " x 24" Balsa or $\frac{3}{32}$ " x $\frac{3}{32}$ " x 24" Basswood for this challenging learning activity. Balsa is lighter and easier to cut. Basswood is stronger and has a more consistent density.

Our booklet "Teaching With Model Bridge Building Program" is included in every Class Pack as an aid to your class planning, and is also available separately (Stock #8665).

8655, Tower Kit Class Pack



Grades 6-12

24 kits per pack
(class pack)

Competition
Training Kit

- Our kit "towers" over all the others because we provide the secrets to design and construction concepts
- The use of Lap Joints or Butt Joints to create symmetrical, winning prototypes is just a sample of the instructive value
- Each Tower Kit supplies 24 students

Kit Includes: 360 pieces of select $\frac{1}{8}$ " x $\frac{1}{8}$ " x 24" Balsa strips, 24 "B" sized graph paper sheets, 24 bottles of Tacky Formula Glue, student instructions, and a teacher's manual





WARNING:
Cancer-Wood Dust
www.P65warnings.ca.gov

Balsa and Basswood Glue

Grades 1 - 12

- A tacky modeling glue that is non-toxic and dries clear and flexible
- For aviation models, structures and transportation models

361 - 4 oz. (sold individually)

362 - 1 oz. (24 per pack)



Activity Kits

52202, Wright Bat

Beginner

A model of the Wright Brothers' flying toy. Flies indoors or outdoors.

Kit Includes:

- Sails
- Propeller
- Center support
- Rubber bands
- Instruction sheet

Ages 8 and up



1126, Easy Cutter



- The Original Easy Cutter, designed to make cutting wood strips quickly and accurately
- Cuts stripwood up to 1/2" thick
- Features built-in protractor with 45°, 60°, 90°, and 120° angles

1128, Super Easy Cutter



- Smaller, more compact size than our original Easy Cutter
- Cuts stripwood up to 1/4" thick
- Features built-in with 45°, 60°, 90°, and 120° angles
- No replacement blades

1134, Easy Cutter Ultimate



- Features a unique angle selector with 7 popular angles from 45° to 135°
- Select the angle and "click" the gauge into position
- Cuts wood strips up to 1/2" thick

Easy Mitre Box



- This improvement over other typical mitre boxes allows you to cut four mitre angles - 45°, 22 1/2°, 30°, and 60°
- It accepts materials as wide as 2" and as thick as 1/2"
- Injection molded, it also features three unique cam clamps which hold the material being cut firmly in place
- Available alone or with a razor saw

1135 - Easy Mitre Box

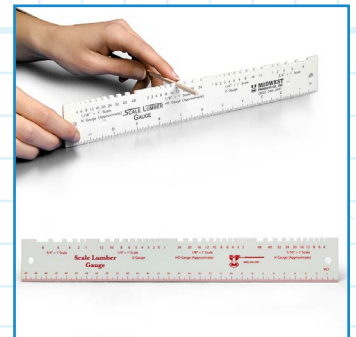
1136 - Mitre Box Deluxe
includes razor saw

1158, Wood Carving Knife



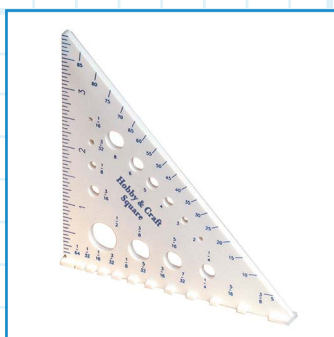
- For carving and whittling
- Broad handle for safety and comfort
- Replaceable blade.

1124, Scale Lumber Gauge



- Designed for use with our Basswood Scale Lumber
- Makes it easy to quickly and accurately identify and size scale lumber while building
- Features include Strip Identification Gauges in 3 popular model railroad gauges (O, HO, N) plus 3/4" - 1", popularly used by architectural model maker, and a 12" ruler

1123, Hobby & Craft Square



- Features for almost any building project
- 4" ruler
- 90 degree square
- A strip identification gauge
- Dowel/tubing identification gauge
- A stop rail
- A protractor



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