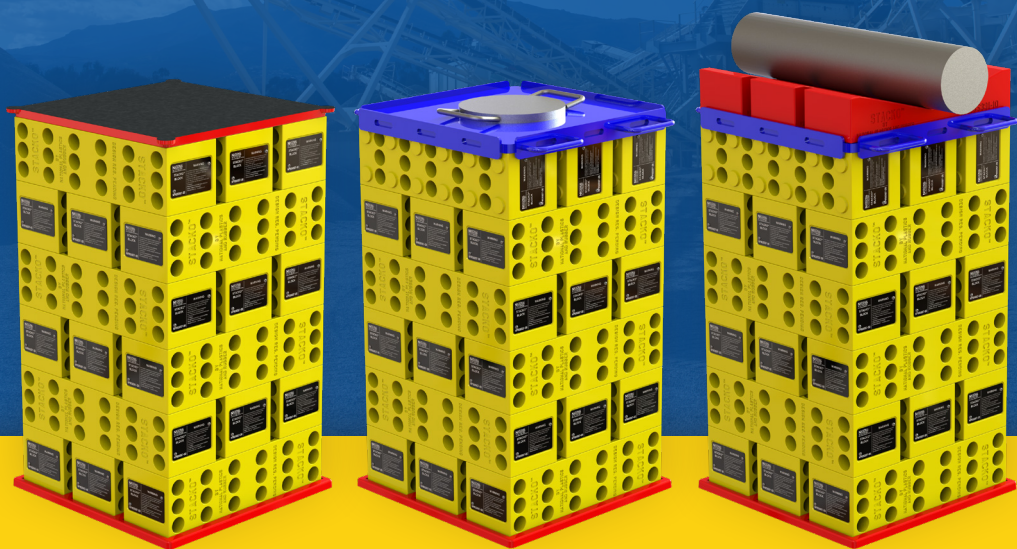


NATIONAL

PLASTICS & RUBBER

North America



STACKO™ BLOCKS

Leaders in the design and manufacture of Polyurethane,
Rubber and Industrial Plastic products.

WHY STACKO™?

Made from an extremely tough and impact resistant material Load rated

Laboratory Tested to AS1170

Independently certified

Unique interlocking design for added safety

UV stabilised

Light weight

Splinter free – safer to handle

Long term cost savings

Hi-Vis Yellow

Many configurations for various applications

Manufactured with virgin material to guarantee consistency

Resistant to oil and most workshop chemicals

No splitting or rot problems

Rodent and insect resistant

Salt water resistant

Quality controlled manufacture and testing processes to ensure consistency



STACKO™ LOAD RATED SUPPORT BLOCKS

Stacko™ Blocks are a unique and configurable solution for load support. A must for any workshop to ensure absolute safety and long term return.

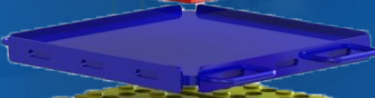


LOAD RATED

LABORATORY & INDEPENDENTLY TESTED



MULTIPLE CONFIGURATIONS TO SUIT DIFFERENT LOADS



UV STABILISED

LIGHT WEIGHT

UP TO 30% LIGHTER THAN TIMBER & OTHER PRODUCTS



TOUGH & SAFE

INTERLOCKING DESIGN FOR ADDED SAFETY



STACK UP TO 60" EXCLUDING TOP CONFIGURATION

THE SUPERIOR ALTERNATIVE.

Stacko™ Blocks have been developed from the ground up as a superior alternative to traditional timber blocks. Manufactured from high quality UV stabilised materials ensures Stacko™ Blocks will perform to expectations for the long term.

Stacko™ Blocks are safe due to their interlocking design, up to 30% lighter than other products and are load rated with laboratory & independent testing.

STACKO™ BLOCK

PART NO. NPR05007-00

Used in Configuration 1 - 7

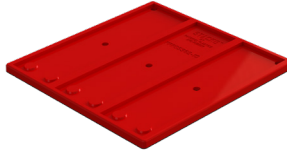


	20" L
	6" W
	6" D
	17.50 lbs

BASE PAD

PART NO. NPR05362-10

with Patented High Traction Base
Used in Configuration 2-7 or
when forming any stack.



	22" L
	22" W
	0.75" D
	10 lbs

JACK PLATE

PART NO. NPR05408-20

Used in Configuration 3



	13.75" L
	10" W
	1" D
	17.50 lbs

TOP PAD

PART NO. NPR05409-10

with Patented High Traction Top
Used in Configuration 4 & 5
Aust. Pat. No. 2017228727



	21.50" L
	21.50" W
	0.75" D
	14.50 lbs

SINGLE V-BLOCK

PART NO. NPR05391-10

Used In Configuration 8

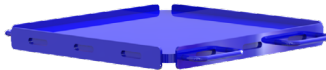


	20.50" L
	6" W
	4" D
	14.50 lbs

TOP PLATE

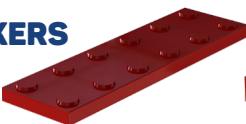
PART NO. NPR05408-00

Used in Configuration 2 & 3



	25" L
	20.50" W
	2" D
	92.50 lbs

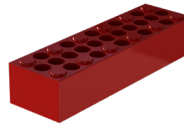
PACKERS



1"
Part No. NPR05377-30



2"
Part No. NPR05377-20



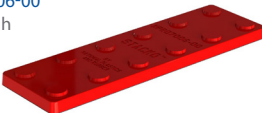
4"
Part No. NPR05377-10

	20" L
	6" W
	23 lbs

TOP OR BOTTOM PAD - SINGLE

PART NO. NPR07006-00

with Patented High
Traction Top
Aust. Pat. No.
2017228727



	20" L
	6" W
	1" D
	4.5 lbs

STACKO™ CONFIGURATIONS

SINGLE STACKO™ BLOCK

CONFIGURATION 1

Used as a single block/s.



Maximum Load Area at
Maximum Load Rating

Round - 4 inch
Square - 4x4 inch
Area - 16 sq inch

Load Rating

426 psi

Maximum Load

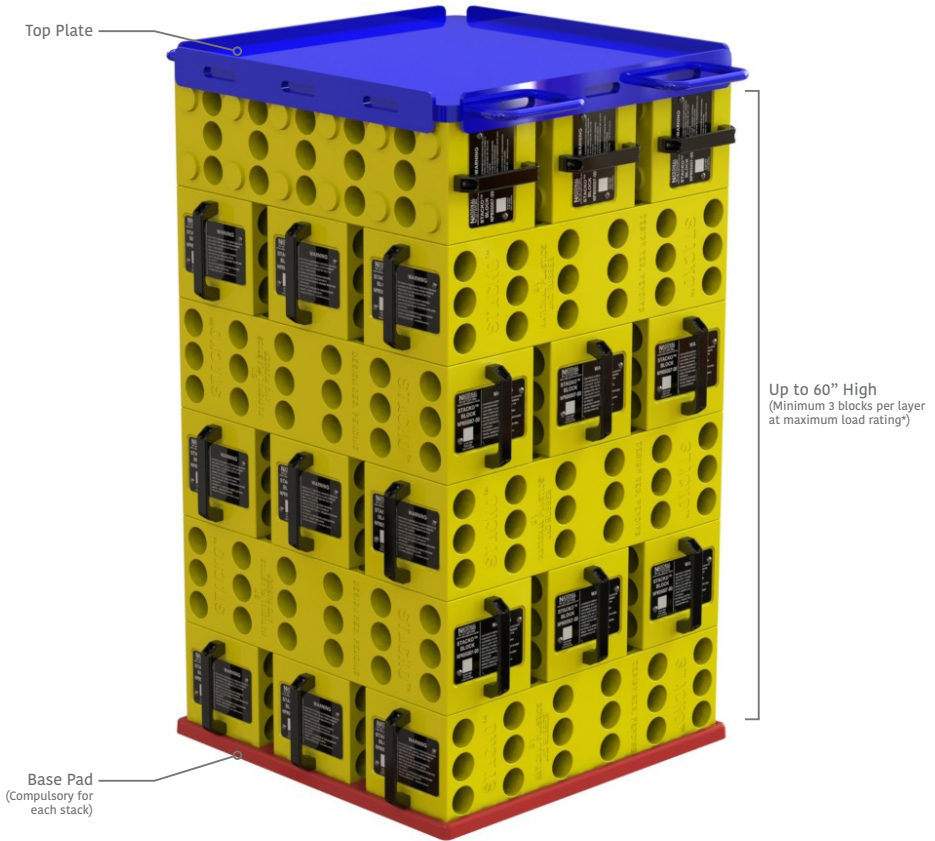
50,600lb

Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F

STACK+TOP PLATE

CONFIGURATION 2

This configuration is a multi-purpose stack to be used where load area fits within the Top Plate edge.



Load Rating

1422 psi

Maximum Load

132,000lb

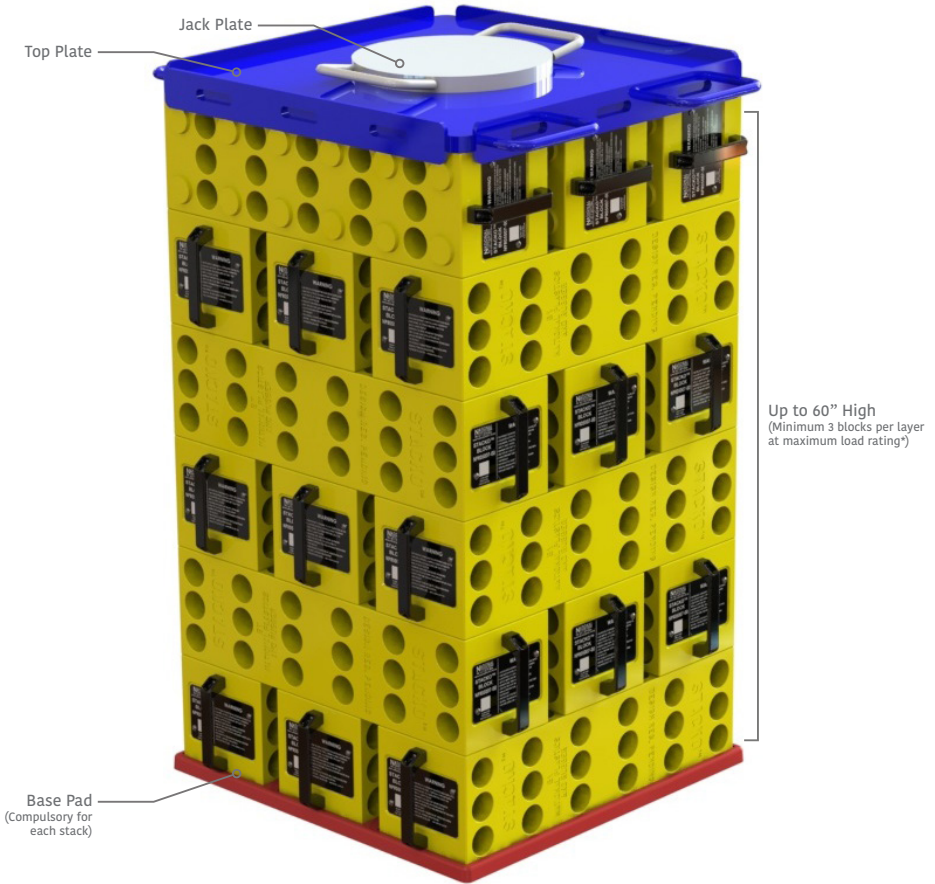
Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F

*Higher stacks and stacks with 2 blocks per layer can be built for lighter loads but is not recommended.

STACK+TOP PLATE+JACK PLATE

CONFIGURATION 3

This configuration with steel Top Plate and Jack Plate is suitable to be used as a high load jacking base.



Jack Plate

10 inch

Maximum Load
when using Jack Plate

132,000lb

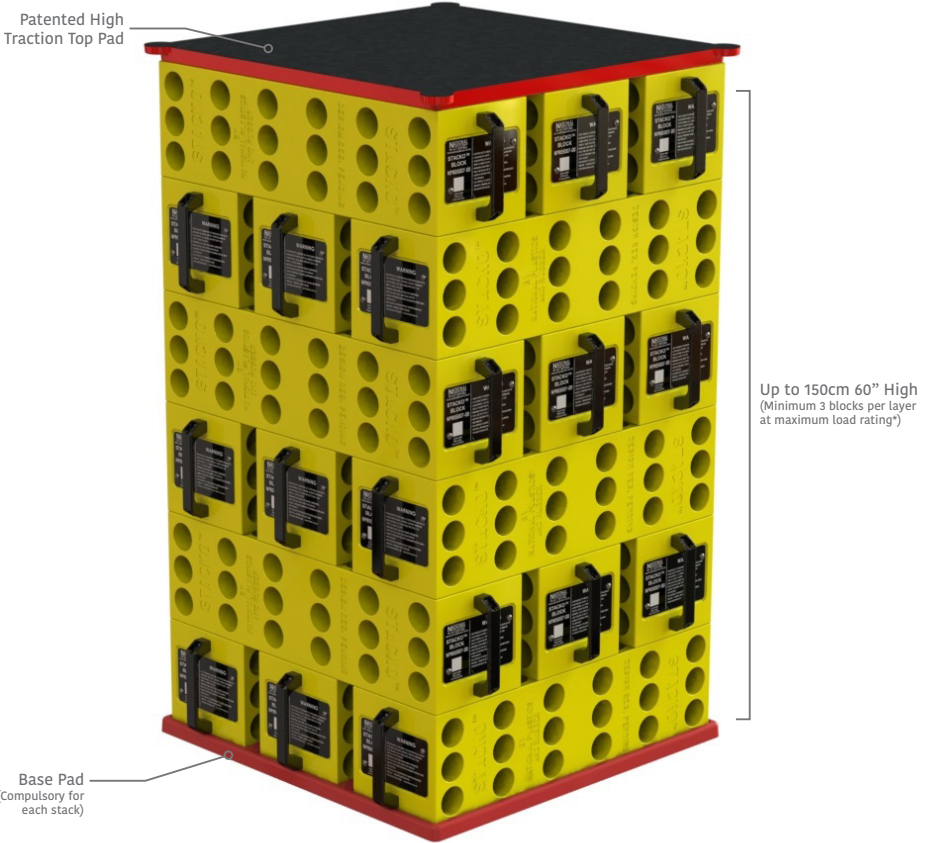
Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F

*Higher stacks and stacks with 2 blocks per layer can be built for lighter loads but is not recommended.

STACK+TOP PAD

CONFIGURATION 4

Multi-Purpose stack suitable for larger load areas with no point loading.
The slip patented high traction top pad provides an improved grip surface.



Load Rating

426 psi

Maximum Load

132,000lb

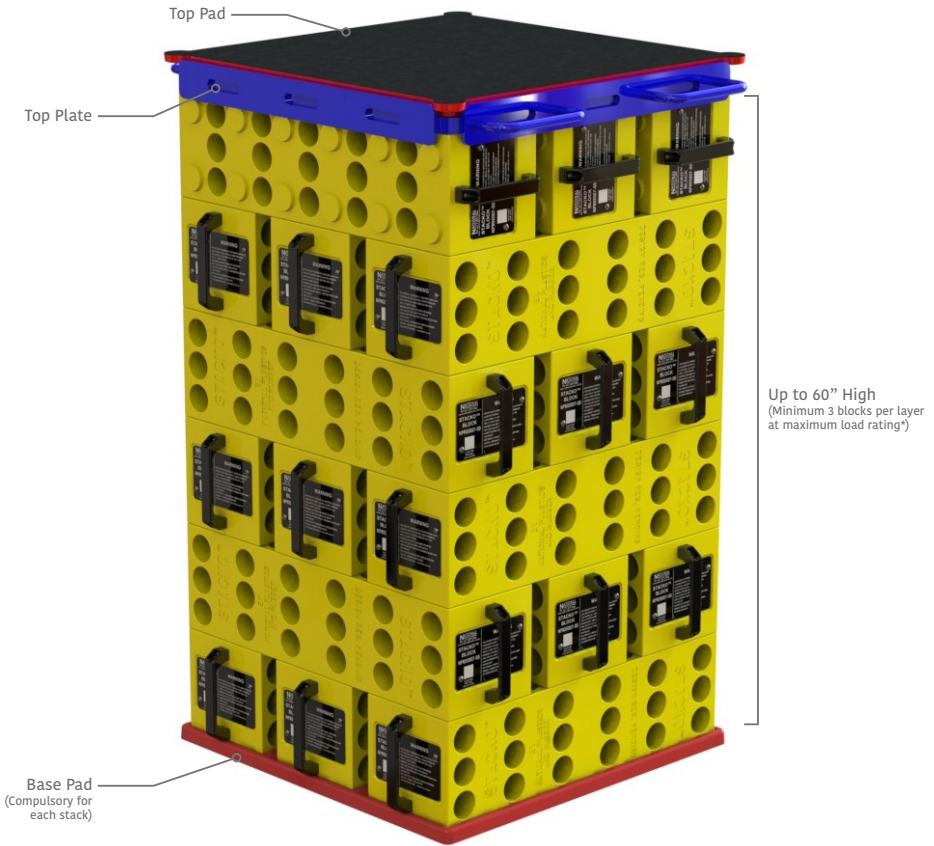
Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F

*Higher stacks and stacks with 2 blocks per layer can be built for lighter loads but is not recommended.

STACK+TOP PLATE+TOP PAD

CONFIGURATION 5

With the steel Top Plate & high traction Top Pad, this is a high load stack that provides an improved grip surface for the item being supported. Suitable for load areas larger than the top plate.



Top Plate

1422 psi

Maximum Load

132,000lb

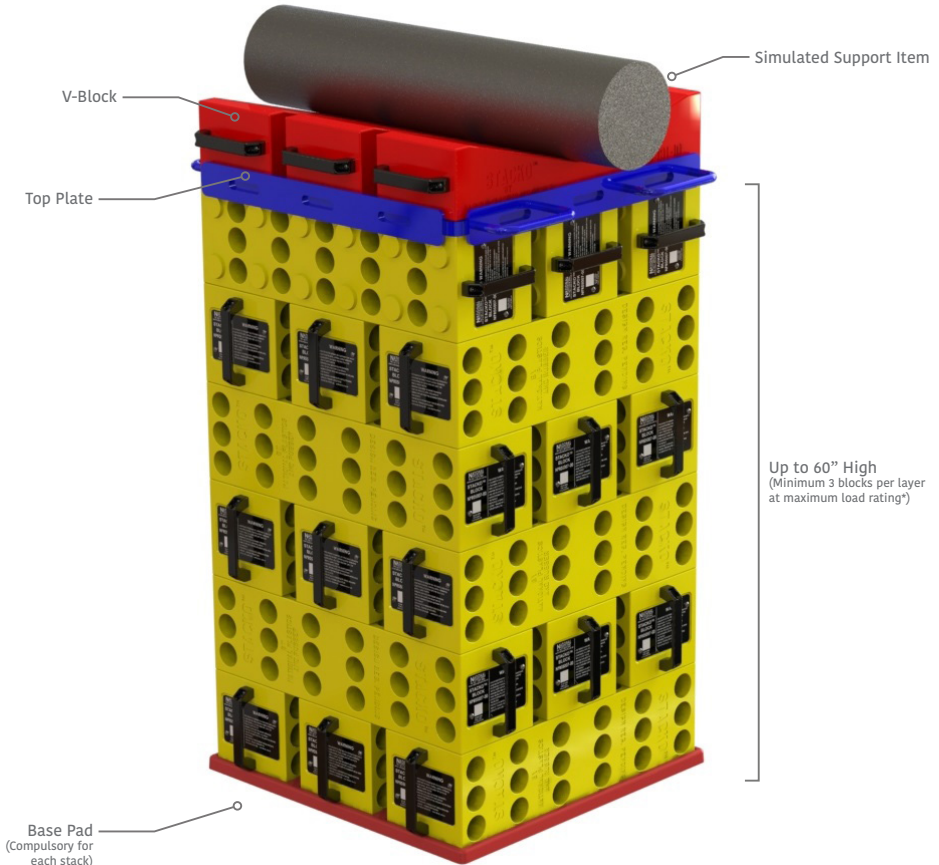
Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F

*Higher stacks and stacks with 2 blocks per layer can be built for lighter loads but is not recommended.

STACK+TOP PLATE+V-BLOCKS

CONFIGURATION 6

Ideal for supporting high load with a curved load face. Higher loads may be possible for diameters above 15cm however you would need to perform your own Risk Assessment.



Minimum Load Diameter

Ø6inch x 6inch long

Maximum Diameter

48 inches

Maximum Load

88,000lb**

Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F

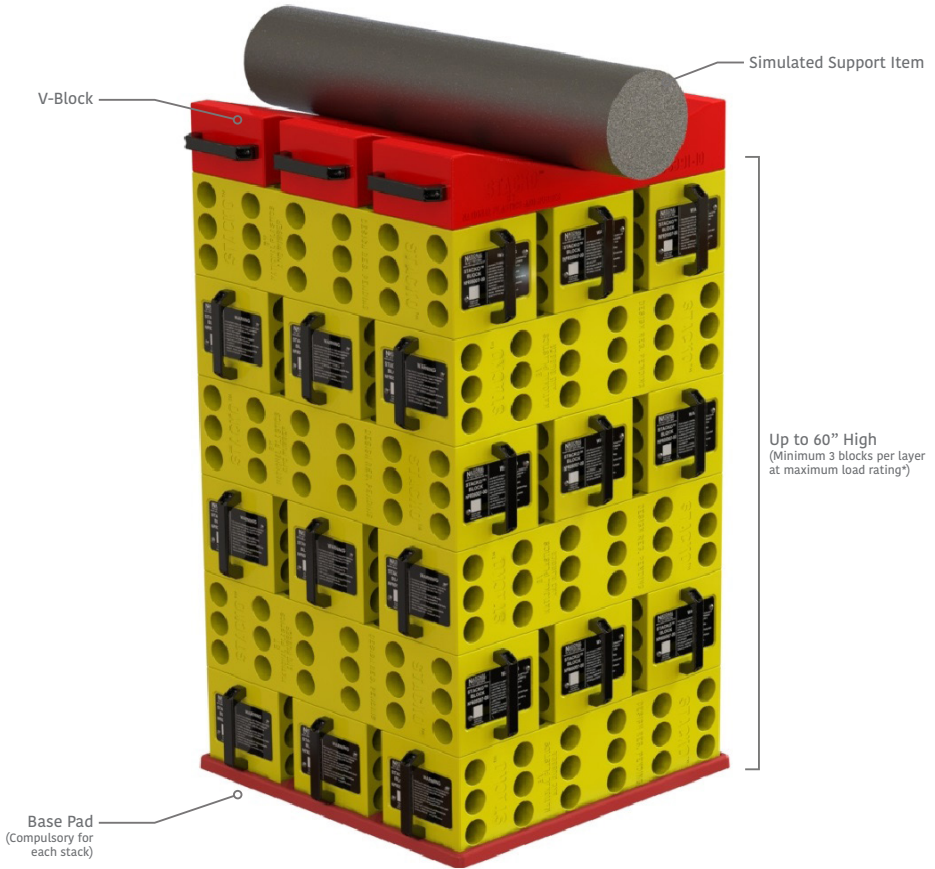
*Higher stacks and stacks with 2 blocks per layer can be built for lighter loads but is not recommended.

**Higher load certification can be provided upon request.

STACK+V-BLOCKS

CONFIGURATION 7

V-Blocks allow support for loads with a curved base. Higher loads may be possible for diameters above 15cm however you would need to perform your own Risk Assessment.



Minimum Load Diameter

Ø6inch x 6inch long

Maximum Diameter

48 inches

Maximum Load

44,000lb**

Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F

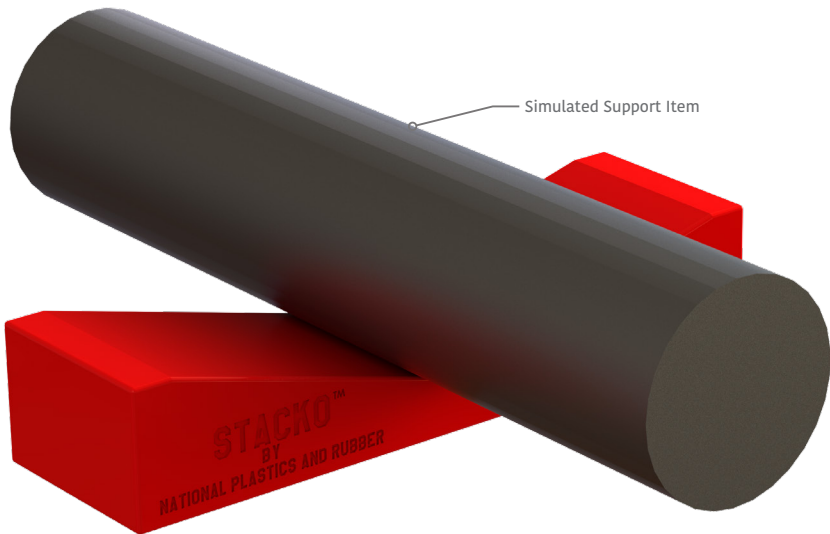
*Higher stacks and stacks with 2 blocks per layer can be built for lighter loads but is not recommended.

**Higher load certification can be provided upon request.

SINGLE V-BLOCK

CONFIGURATION 8

Higher loads may be possible for diameters above 15cm however you would need to perform your own Risk Assessment. Custom shaped support blocks can be manufactured upon request.

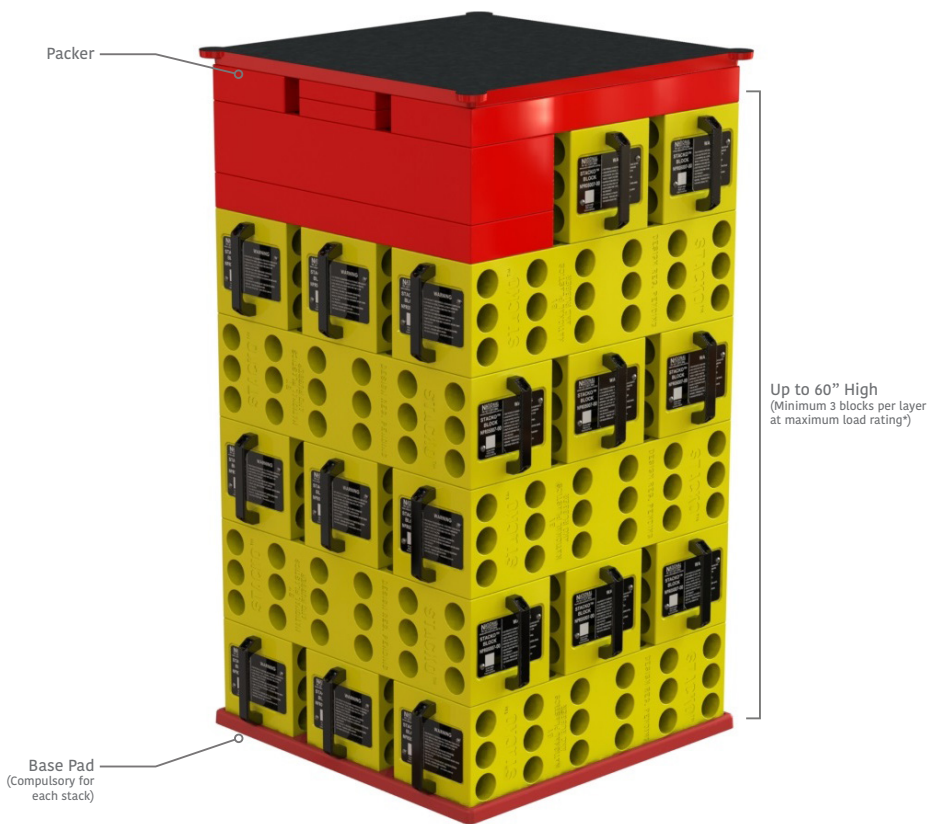


Minimum Load Diameter	Maximum Diameter	Maximum Load
Ø6inch x 6inch long	48 inches	30,500lb**

Tested to AS1170.0 2002 with 3:1 Load safety factor at temperature range of -58F to 104F
 **Higher load certification can be provided upon request.

STACKO™ PACKERS

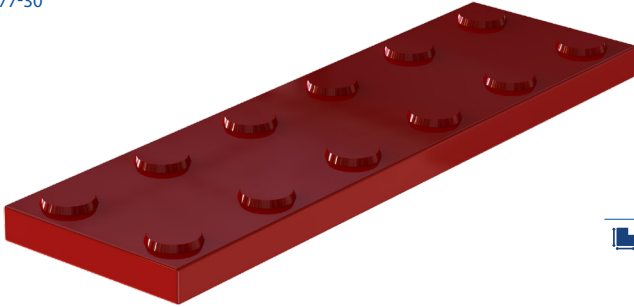
Packers are available in 3 different sizes, used to achieve various stack heights across all configurations.



*Higher stacks and stacks with 2 blocks per layer can be built for lighter loads but is not recommended.

1" PACKER

PART NO. NPR05377-30



 20" L

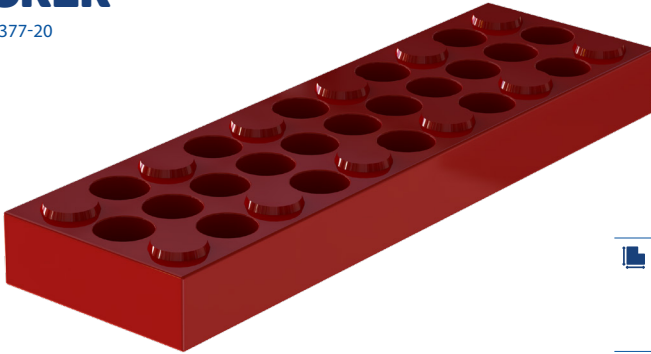
6" W

1" D

 5lb

2" PACKER

PART NO. NPR05377-20



 20" L

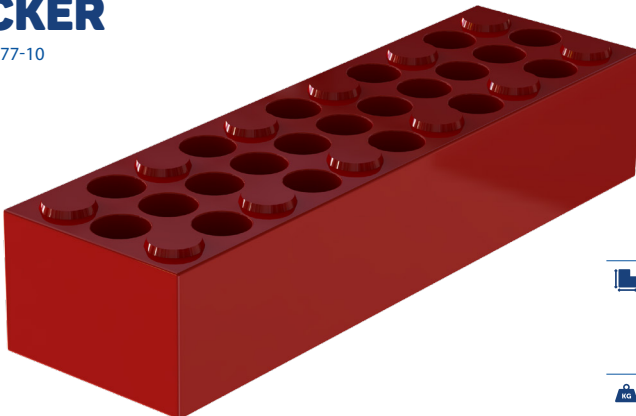
6" W


2" D

 7^{1/2}lb

4" PACKER

PART NO. NPR05377-10



 20" L

6" W

4" D

 14lb

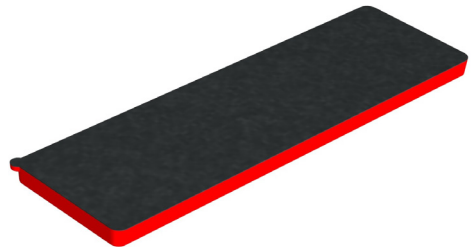
TOP OR BOTTOM PAD

PART NO. NPR07006-00

Made from softer, impact resistant materials, our top or bottom pads are designed to be used on a single block, protecting the integrity of the main block.

With Patented High Traction Top/Bottom

Aust. Pat. No. 2017228727.



SUGGESTED START-UP KIT

ORDER AS - NPR05458-00

The suggested Start-up Kit includes components to suit a variety of different load types.

STACKO™ BLOCK

PART NO. NPR05007-00

QTY - 18

BASE PAD

PART NO. NPR05362-10

with Patented High Traction Base

QTY - 1

JACK PLATE

PART NO. NPR05408-20

QTY - 1

TOP PAD

PART NO. NPR05409-10

with Patented High Traction Top

QTY - 1

SINGLE V-BLOCK

PART NO. NPR05391-10

QTY - 3

TOP PLATE

PART NO. NPR05408-00

QTY - 1

PACKERS

1"
Part No. NPR05377-30

2"
Part No. NPR05377-20

4"
Part No. NPR05377-10

QTY - 3 OF EACH SIZE

TOP OR BOTTOM PAD - SINGLE

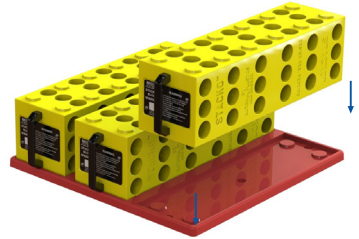
PART NO. NPR07006-00

with Patented High Traction Top/Bottom

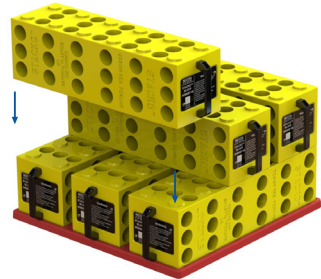
QTY - 4

STACK SETUP IS QUICK & SIMPLE

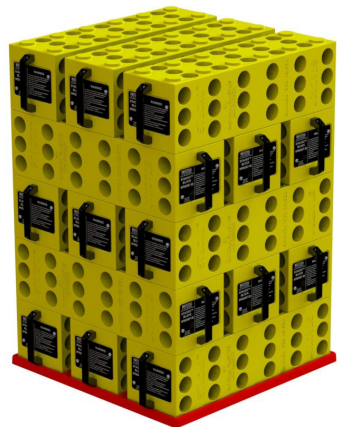
- 1** Inspect all components for damage and serviceability.
- 2** Before using these products you must perform your own risk assessment.
- 3** Position the base on a solid, level surface suitable for the expected load being supported. Place 3 Stacko™ Blocks in the Base Pad grooves to complete the first layer.



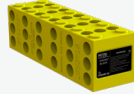
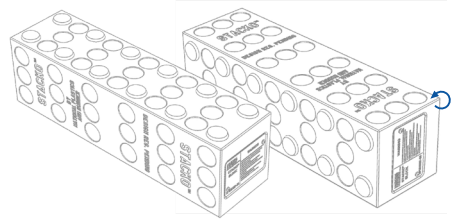
- 4** Begin the second layer by placing another 3 blocks in the opposite direction of the first layer.



- 5** Simply repeat adding layers in alternating directions until the desired height is reached. Up to a maximum of 60". Before building the top layer see the next step.



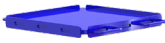
6 Depending on the stack configuration, the top layer of blocks may need to be turned on their side to allow for a flat top surface.



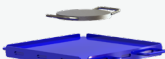
Normal (Lugs Vertical)



Rotated 90° (Lugs Horizontal)



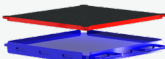
Configuration 2



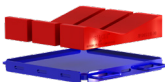
Configuration 3



Configuration 4



Configuration 5



Configuration 6



Configuration 7



Note: When using Packers ensure the lugs face the correct direction for the top configuration.



Normal (Lugs facing Up)



Rotated 180° (Lugs facing Down)

STACKO™ IN USE







NATIONAL PLASTICS & RUBBER

NPRMINING.COM

Email info@nprmining.com Phone 519-913-1911

National Plastics & Rubber has the experience and knowledge necessary to meet your needs.

National Plastics & Rubber promotes safe working practices therefore, performing your own risk assessment is essential before using these products.

We specialise in polyurethane, rubber and industrial plastics design and manufacturing for the mining, automotive and manufacturing industries.