Wall Kit - 80324

**mimSAFE**
mimclip.mimsafe.com

**INTENDED JUMPING ANGLE**
- 20°-25°
- 40°-50°

**RECOMMENDED TOOL**
mimclip.mimsafe.com/Wall Kit - 80324

**STRAIGHT JUMP**
- Using Red Clip
- Included in this kit

**ANGLED JUMP**
- Using Yellow Clip
- Order separately
  
- Kit nr. 80328

**UNIVERSAL SAFETY SINCE 1986**

**IMPACT TECHNOLOGY**

**FEI APPROVED**
INFORMATION ABOUT THE WALL KIT

The Wall Kit has been designed and developed specifically to greatly reduce the risk of rotational falls. The most important element of this kit is that it will not break the fence or risk injury to the horse if hit vertically. The top section is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus reduced.

FENCE DIMENSIONS

<table>
<thead>
<tr>
<th>POST</th>
<th>TOP SECTION ANGLED JUMP</th>
<th>TOP SECTION STRAIGHT JUMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN-MAX A DIMENSIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 - 10 inch</td>
<td>8 - 10 inch</td>
<td>8 - 10 inch</td>
</tr>
<tr>
<td>150 - 250 mm</td>
<td>200 - 250 mm</td>
<td>200 - 250 mm</td>
</tr>
<tr>
<td>MIN-MAX THICKNESS</td>
<td>MAXIMUM LENGTH</td>
<td>MAXIMUM LENGTH</td>
</tr>
<tr>
<td>8 - 10 inch</td>
<td>177 inch</td>
<td>8 - 10 inch</td>
</tr>
<tr>
<td>200 - 250 mm</td>
<td>4500 mm</td>
<td>200 - 250 mm</td>
</tr>
<tr>
<td>MIN-MAX HEIGHT</td>
<td>MIN-MAX THICKNESS</td>
<td>MIN-MAX HEIGHT</td>
</tr>
<tr>
<td>15 - 16.5 inch</td>
<td>130 - 200 lb</td>
<td>15 - 16.5 inch</td>
</tr>
<tr>
<td>380 - 420 mm</td>
<td>60 - 90 kg</td>
<td>380 - 420 mm</td>
</tr>
<tr>
<td>MIN-MAX WEIGHT</td>
<td>MAXIMUM LENGTH</td>
<td>MIN-MAX WEIGHT</td>
</tr>
<tr>
<td>55 - 187 lb</td>
<td>6000 mm</td>
<td>55 - 187 lb</td>
</tr>
<tr>
<td>25 - 85 kg</td>
<td>2000 mm</td>
<td>25 - 85 kg</td>
</tr>
</tbody>
</table>

All the dimensions have been tested and are in concordance to the approved tests.

Angled fence tests have been performed with a jumping angle between 45 - 67.5 degrees.

RECOMMENDED MATERIAL

SPRUCE OR PINEWOOD

Very dry wood material could increase up to 50% in weight when exposed to very wet conditions.

It is essential to follow the recommended technical specifications of the fence for the correct function. If the recommended procedure is not correctly followed it may cause the failure of the device.

For your own safety and that of others please note the following step by step advice for correct preparation and installation. Always ensure that you follow your own health and safety requirements when constructing this fence.

CAUTION: The fence could cause risk of injury in upfolded position if accidentally released.

Ensure that you have all parts of the Wall Kit.
Be aware of the risk of injury when handling heavy rails, posts and the tools for mounting.

WARNING!
THE TOP SECTION IS THE FOLDABLE PART OF THE FENCE AND NEEDS TO BE TORSIONALLY RIGID

A torsionally rigid object is achieved by making a box construction. This concerns the top section which should be a rounded or square box construction. This is to avoid torsion when the fence is activated by impact of center.

IMPORTANT

The posts must be:

- VERTICALLY LEVELLED TO GRAVITY USING A SPIRIT LEVEL OR A CONSTRUCTION PLUMMET

- PARALLEL, & FRONTAL ALIGNED & SECURED TO THE GROUND

- LEVELED & VERTICAL

![Diagram of fence parts]

**Order separately**

Kit nr. 80328

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-SM12x90</td>
<td>2x</td>
</tr>
<tr>
<td>M-RR12x22x2s</td>
<td>2x</td>
</tr>
<tr>
<td>M-MM12Ny</td>
<td>2x</td>
</tr>
<tr>
<td>M-TS10X90</td>
<td>4x</td>
</tr>
<tr>
<td>POST</td>
<td>2x</td>
</tr>
<tr>
<td>TOP SECTION</td>
<td>1x</td>
</tr>
<tr>
<td>BOTTOM SECTION</td>
<td>1x</td>
</tr>
</tbody>
</table>

**Not included**

- RED CLIP
- YELLOW CLIP
IMPORTANT
It is important that the top section is torsionally stiff.

HOW TO CHECK TORSIONAL STIFFNESS

Hold up the Top Section by one end only according to schematic below. While this is being held parallel to ground, measure the distances H left and H right.

These may only differ by 10 mm per 1000 mm in length L

Example:
L=3000 mm
Allowed difference between right and left in H = 30 mm
**Step 1**

2X

**Step 2**

**IMPORTANT**

Don’t cut until the clip is correctly mounted.

Make sure you follow the cutting measurements for correct fence release/function.

Check the weight at this point with the top section at 90° degrees angle.

- 15-17 inch = 38-42 cm
- 4 inch = 10 cm
- 8-10 inch = 20-25 cm
**STEP 5**

**POSSITIONING OF CLIP FOR ANGLED JUMP**

Distance between brackets should be adjusted to avoid clip D rattling.

**IMPORTANT**

Distance between brackets should be adjusted to avoid clip D rattling.

**CORRECT alignment of the clip**

Square 90° degrees angle

**WRONG alignment of the clip**

**THE CLIP MUST BE INSTALLED PERPENDICULAR (90°) TO THE HINGE**

**STEP 6**

**IMPORTANT**

If the clip D is loose, tighten by gently driving a wedge between post and rail, underneath the clip. Necessary for correct function of the clip.

**2X**
The advantages of the Wall Kit

1. It has been produced with safety being the first and foremost important factor.
2. Reduces the possibility of rotational falls.
3. FEI approved number FEI13SWE.
4. Controlled movement of fence during release.
5. Reconstruction time is less than 30 seconds.
6. The parts are made of powder coated steel and can be left outside, no maintenance is required.
7. The very highest quality of product from Sweden ISO 9001.

The advantages of the MIMclip

The MIMclip breaks on impact. The flag is bent when the clip is exposed to fatigue. In both cases the clip must be replaced. The top section is connected to the post with a hinge that makes the fence easy to reconstruct. This saves time, guarantees fair and correct judging for riders and contributes to the overall safety of the sport.

IMPORTANT

When top section is released the gap between top section and bottom section should be maximum 50 mm. If gap is wider, then place object to shrink/reduce the gap.

When top section is released the distance between top section and ground should be minimum 200 mm. If distance between ground and top section is less, then place an object which will prevent the top section falling into the SAFE AREA.

WARNING

To protect the fence mechanism when released, put a dampening material between the safe area and the released part of the fence.

The flag is bent when fatigued.