

Application No. 466: Flag holder for the balcony

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Fastening flags on the balcony railing

Hanging up flags with magnets

The balcony railing is a great place to display flags to show your support for your favourite sports team or celebrate a national holiday.

Since permanent mounting with drilling and screws is not allowed in most rented flats, magnets are a fast, simple and flexible solution. There are several methods we would like to show you.



The easiest way to hang a flag is with waterproof magnets (www.supermagnete.de/eng/group/rubber_coated) that attach the fabric on top of the balcony railing.

This method has the advantage that all country flags are displayed the correct way (grommets are usually located on the long side of the flag, so most flags hang rotated by 90°).



Important: Regular neodymium magnets (www.supermagnete.de/eng/magnets_overview_raw) start to rust during prolonged outdoor use and lose their magnetisation. To prevent this from happening, it is best to use rubberised magnets or neodymium magnets with non-stick coating.

In this example, we used disc magnets Ø 20 mm with non-stick coating (www.supermagnete.de/eng/S-20-05-T).

If you are supporting more than one team, there's a way to easily and quickly change the flag between matches by using carabiner magnets (www.supermagnete.de/eng/magnetic-hooks?tags=With-carabiner), protected with matching rubber caps (www.supermagnete.de/eng/group/pot_acc_rubbercap). In this example, we used carabiner magnets Ø 32 mm (www.supermagnete.de/eng/KTN-32) in combination with rubber caps Ø 33 mm (www.supermagnete.de/eng/PAR-33).



Please note: These magnets are not waterproof and should be removed when not in use to prevent them from rusting.

Magnetic wooden flag holder

Application from customer Richard Rehmann from Switzerland:

I built 10 flag holders for our balcony. My father had the manual skills, I had the idea and supermagnete.de the right magnets.



The wooden flag holders are hand-made and have 4 pot magnets CSN-25 (www.supermagnete.de/eng/CSN-25) embedded on the backside, which provide for an adhesive force of about 68 kg and protection during wind gusts. The magnetic holders are attached to the vertical metal bars of the balcony.

Experience has shown that the flag holders don't move even during heavier winds. The wooden slabs that the flags are attached to are the weak links as they break during heavy wind gusts.



Backside of the flag holder with 4 CSN-25
(www.supermagnete.de/eng/CSN-25)



Front side of the flag holder

Note from the supermagnete team: Our CSN magnets are designed for dry indoor use. Extended use outdoors may cause them to rust. Good alternatives are ferrite pot magnets (www.supermagnete.de/eng/group/pot_countersunk_ferrite), for instance CSF-40 (www.supermagnete.de/eng/CSF-40) or CSF-48 (www.supermagnete.de/eng/CSF-48) with a similar adhesive force as CSN-25.

We have a whole list of balcony projects with magnets:

Go to balcony applications (www.supermagnete.de/eng/projects/balcony)

Articles used

CSN-25: Pot magnet Ø 25 mm with countersunk hole (www.supermagnete.de/eng/CSN-25)

CSF-48: Ferrite pot magnet (www.supermagnete.de/eng/CSF-48)

CSF-40: Ferrite pot magnet (www.supermagnete.de/eng/CSF-40)

KTN-32: Pot magnet Ø 32 mm with carabiner (www.supermagnete.de/eng/KTN-32)

PAR-33: Rubber caps Ø 33 mm (www.supermagnete.de/eng/PAR-33)

S-20-05-R: Disc magnet rubber coated Ø 22 mm, height 6,4 mm (www.supermagnete.de/eng/S-20-05-R)

S-20-05-T: Disc magnet Ø 20 mm, height 5 mm (www.supermagnete.de/eng/S-20-05-T)

FTNT-40-B: Pot magnet Ø 40,2 mm with rotating hook (www.supermagnete.de/eng/FTNT-40-B)

FTNT-25: Pot magnet Ø 25 mm with rotating hook (www.supermagnete.de/eng/FTNT-25)

PAR-26: Rubber caps Ø 26 mm (www.supermagnete.de/eng/PAR-26)

M-BLOCK-01: Block magnets with plastic cover (no longer in our assortment!)

ZTN-25: Pot magnet Ø 25 mm with counterbore hole (www.supermagnete.de/eng/ZTN-25)

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