

# Tip Ton

Edward Barber & Jay Osgerby, 2011

**vitra.**



Tip Ton defines a whole new chair typology: the solid plastic chair with forward-tilt action. Its name refers to the dual sitting positions provided by the chair – from a normal position, Tip Ton can be tilted forward a few degrees where the chair then stays in place. The forward-tilt position, until now the preserve of mechanical office chairs, straightens the pelvis and spine and thus improves circulation to the abdominal and back muscles.

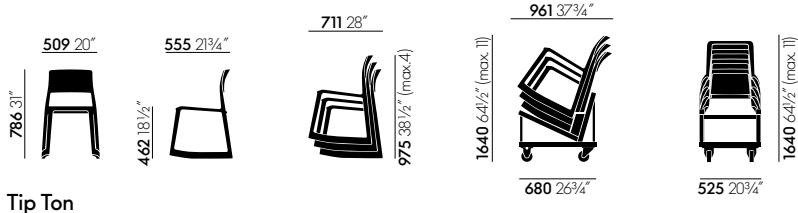
In a 2010 study, ETH Zurich – one of the world's leading universities of applied sciences – investigated the health benefits of a forward-leaning sitting position. The results confirm increased muscle activity in the abdominal and back areas, which boosts the supply of oxygen to the body. Tip Ton makes all of this possible for the first time ever in the form of an economical and robust plastic chair, thereby opening up many new areas of use.

Tip Ton is made of polypropylene and manufactured from a single mould without any mechanical components. This makes the chair extremely durable and 100% recyclable. Tip Ton can be stacked up to four chairs high and comes in eight different colours.

## Materials

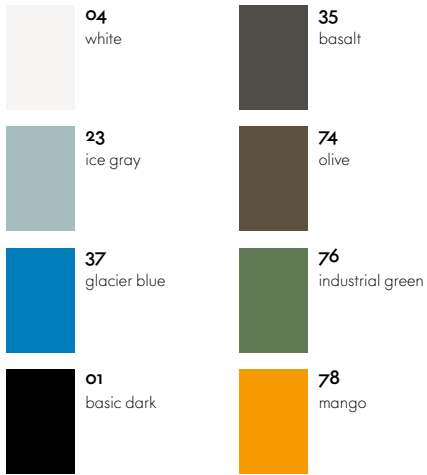
- **Backrest, seat, base:** polypropylene.
- **Glides:** polyethylene.
- **Stacking:** Tip Ton can be stacked up to 4 chairs high on the floor, up to 11 on a stacking trolley. A stacking trolley is separately available.
- **Weather resistance:** Tip Ton is suitable for outdoor use.
- **Note:** special additives retard the fading of colors due to UV radiation. However, if the chair is exposed to sunlight for prolonged periods, the color may change over time. We recommend limited exposure to sunlight.

**DIMENSIONS** (in accordance with EN 1335-1)



Tip Ton

**COLORS AND MATERIALS**



Plastic chair

# Tip Ton RE

Edward Barber & Jay Osgerby, 2011

**vitra.**



The all-plastic chair Tip Ton can be tilted forward a few degrees from the normal position. This forward-tilt straightens the pelvis and spine and thus improves circulation to the abdominal and back muscles.

Together with Edward Barber and Jay Osgerby, Vitra has now developed a version of the chair that is manufactured from recycled plastic: Tip Ton RE. The high-quality recycling material stems from recycled household waste, particularly used packaging. Utilising this raw material instead of petroleum-based primary plastics generates 54% less climate-damaging emissions, with a significant reduction in primary energy consumption.

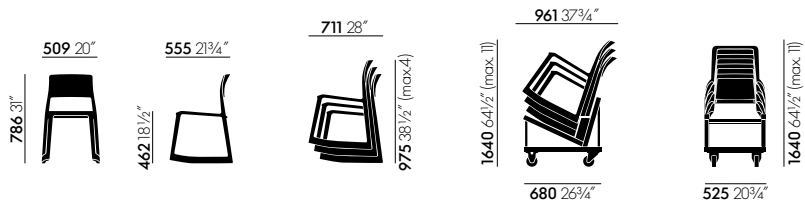
To achieve the required stability and quality, the recycling material is mixed with a proportion of glass fibres. The dark grey hue of Tip Ton RE is the natural shade of the processed recycling material, which therefore exhibits very slight irregularities in color.

Tip Ton RE is itself 100 % recyclable and can be stacked up to four chairs high.

## Materials

- **Backrest, seat, base:** recycled polypropylene, 100% recyclable.
- **Glides:** recycled polyethylene.
- **Stacking:** Tip Ton RE can be stacked up to 4 chairs high on the floor, up to 11 on a stacking trolley. A stacking trolley is separately available.

**DIMENSIONS** (in accordance with EN 1335-1)



**Tip Ton RE**

**COLORS AND MATERIALS**



Plastic

