

MPC painting system

The name "MPC system" identifies a prepainted steel mainly used for the production of drum packaging, shelving systems, uprights and all parts where a primer-only protection is required, either because of subsequent painting of the surface or in case of no further painting for indoor use.

Physical characteristics

Base material, depending on the final quality required by customer, can be cold rolled or hot dip galvanized. For paint thickness please refer to the table below.

The colour matching / reproduction is very high despite the environmental standards of Marcegaglia impose the use of non-toxic paints only, that is formulated without any use of toxic pigments as for instance chromate, molybdate and lead salts pigments.

Chemical and quality characteristics

All versions of the MPC system are not subject to tests to assess corrosion resistance, T-bend resistance, specular gloss, pencil hardness or resistance to solvents.

Any specific request will be evaluated and agreed with the customer according to the chosen solution and the final use of the material.

| MPC painting system | | | | | | | | | | | | | |
|---------------------|---------------------------------|-------|------|----------|--------|------------|--------|----------|--------|------------|--------|-------|--------|
| System | Name | Type | Base | Primer A | Thick. | Top coat A | Thick. | Primer B | Thick. | Top coat B | Thick. | Back | Thick. |
| MPC SERIES 1 | DRUM PACKAGING (main structure) | STD | LAF | MP301 | 5 | Mxxxxx | 15 | - | - | - | - | MBxxx | 7 |
| MPC SERIES 2 | DRUM PACKAGING (bottom/tops) | STD | LAF | MP301 | 5 | Mxxxxx | 10 | MP301 | 5 | M3307 | 7 | - | - |
| MPC SERIES 3 | SHELVING SYSTEMS | STD | LAF | - | - | Mxxxxx | 10 | - | - | Mxxxx | 10 | - | - |
| MPC SERIES 4 | BASE | STD | LAF | MPxxx | 5 | - | - | MPxxx | 5 | - | - | - | - |
| MPC SERIES 4Z | BASE | STD | LAZ | MPxxx | 5 | - | - | MPxxx | 5 | - | - | - | - |
| MPC SERIES 4Z | BASE | FSTD1 | LAZ | - | - | - | - | MPxxx | 5 | - | - | - | - |
| MPC SERIES 4Z | BASE | FSTD2 | LAZ | MP301 | 10 | - | - | MP301 | 10 | - | - | - | - |