

Based on NACE Paper No 477 : ESTIMATED SERVICE LIFE (in years before first maintenance painting) OF PROTECTIVE COATINGS

| PRODUCT | DFT MICRONS | OFFSHORE LIFE PROJECTIONS (YEARS) | SEA COAST MARINE LIFE PROJECTIONS (YEARS) | SEA COAST MARINE HEAVY INDUSTRIAL LIFE PROJECTIONS (YEARS) | SOLVENT GASOLENE LIFE PROJECTIONS (YEARS) | MILD (RURAL) LIFE PROJECTIONS (YEARS) | MODERATE (INDUSTRIAL) LIFE PROJECTIONS (YEARS) | SEVERE (HEAVY INDUSTRIAL) LIFE PROJECTIONS (YEARS) |
|---|--------------------|--|--|---|--|--|---|---|
| NACE SYSTEM 4 - Power tool clean ST2/3 | | | | | | | | |
| Alkyd Primer | 50 | 1,05 | 1,50 | 0,75 | 0,375 | 3,00 | 1,5 | 0,75 |
| Alkyd Topcoat | 50 | 1,05 | 1,50 | 0,75 | 0,375 | 3,00 | 1,5 | 0,75 |
| PRACTICAL | 100 | 2,1 | 3,0 | 1,5 | 0,75 | 6,0 | 3,0 | 1,5 |
| IDEAL | | 1,4 | 2,0 | 1,0 | 0,5 | 4,0 | 2,0 | 1,0 |
| NACE SYSTEM 5 - Abrasive blast to Sa 2 (Commercial blast) | | | | | | | | |
| Alkyd Primer | 50 | 1,6 | 2,25 | 1,5 | 0,75 | 5,25 | 3 | 1,5 |
| Alkyd Topcoat | 50 | 1,6 | 2,25 | 1,5 | 0,75 | 5,25 | 3 | 1,5 |
| PRACTICAL | 100 | 3,2 | 4,5 | 3,0 | 1,5 | 10,5 | 6,0 | 3,0 |
| IDEAL | | 2,1 | 3,0 | 2,0 | 1,0 | 7,0 | 4,0 | 2,0 |
| NACE SYSTEM 6 - Power tool clean ST2/3 | | | | | | | | |
| Alkyd Primer | 50 | 1,05 | 1,5 | 1,0 | 0,5 | 3,5 | 2,0 | 1,00 |
| Alkyd Topcoat | 50 | 1,05 | 1,5 | 1,0 | 0,5 | 3,5 | 2,0 | 1,00 |
| Alkyd Topcoat | 50 | 1,05 | 1,5 | 1,0 | 0,5 | 3,5 | 2,0 | 1,00 |
| PRACTICAL | 150 | 3,15 | 4,5 | 3,0 | 1,5 | 10,5 | 6,0 | 3,0 |
| IDEAL | | 2,1 | 3,0 | 2,0 | 1,0 | 7,0 | 4,0 | 2,0 |
| NACE SYSTEM 7 - Abrasive blast to Sa 2 (Commercial blast) | | | | | | | | |
| Alkyd Primer | 50 | 1,6 | 2,25 | 1,6 | 0,72 | 4,34 | 2,9 | 1,4 |
| Alkyd Topcoat | 50 | 1,6 | 2,25 | 1,6 | 0,72 | 4,34 | 2,9 | 1,4 |
| Alkyd Topcoat | 50 | 1,8 | 2,50 | 1,8 | 0,80 | 4,82 | 3,2 | 1,6 |
| PRACTICAL | 150 | 4,9 | 7,0 | 5,0 | 2,25 | 13,5 | 9,0 | 4,5 |
| IDEAL | | 3,3 | 4,7 | 3,3 | 1,5 | 9,0 | 6,0 | 3,0 |
| NACE SYSTEM 7 Adjusted - Abrasive blast to Sa 2 (Commercial blast) FORTH RAIL BRIDGE | | | | | | | | |
| Alkyd Primer | 23 | 0,7 | 1,04 | 0,7 | 0,33 | 2,00 | 1,3 | 0,7 |
| Alkyd Primer | 39 | 1,2 | 1,76 | 1,3 | 0,56 | 3,39 | 2,3 | 1,1 |
| Alkyd Undercoat | 36 | 1,1 | 1,62 | 1,2 | 0,52 | 3,12 | 2,1 | 1,0 |
| Alkyd MIO Undercoat | 60 | 2,1 | 3,00 | 2,1 | 0,96 | 5,79 | 3,9 | 1,9 |
| Alkyd Topcoat | 45 | 1,6 | 2,25 | 1,6 | 0,72 | 4,34 | 2,9 | 1,4 |
| PRACTICAL | 203 | 6,8 | 9,7 | 6,9 | 3,10 | 18,6 | 12,4 | 6,2 |
| IDEAL | | 4,5 | 6,4 | 4,6 | 2,1 | 12,4 | 8,3 | 4,1 |

| | | | | | | | | |
|--|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NACE SYSTEM 4 Adjusted - Chip, scape, wire brush - Power tool clean ST2/3 | | | | | | | | |
| Alkyd Primer | 43 | 0,9 | 1,3 | 0,65 | 0,32 | 2,6 | 1,3 | 0,6 |
| Alkyd Topcoat | 50 | 1,1 | 1,5 | 0,75 | 0,38 | 3,0 | 1,5 | 0,8 |
| PRACTICAL | 93 | 2,0 | 2,8 | 1,4 | 0,70 | 5,6 | 2,8 | 1,4 |
| IDEAL | | 1,3 | 1,9 | 0,9 | 0,5 | 3,7 | 1,9 | 0,9 |
| NACE SYSTEM 7 Adjusted - Abrasive blast to Sa 2 (Commercial blast) | | | | | | | | |
| Alkyd Primer | 23 | 0,7 | 1,04 | 0,7 | 0,33 | 2,00 | 1,3 | 0,7 |
| Alkyd Primer | 39 | 1,2 | 1,76 | 1,3 | 0,56 | 3,39 | 2,3 | 1,1 |
| Alkyd Undercoat | 36 | 1,1 | 1,62 | 1,2 | 0,52 | 3,12 | 2,1 | 1,0 |
| Alkyd MIO Undercoat | 60 | 2,1 | 3,00 | 2,1 | 0,96 | 5,79 | 3,9 | 1,9 |
| Alkyd Topcoat | 45 | 1,6 | 2,25 | 1,6 | 0,72 | 4,34 | 2,9 | 1,4 |
| PRACTICAL | 203 | 6,8 | 9,7 | 6,9 | 3,10 | 18,6 | 12,4 | 6,2 |
| IDEAL | | 4,5 | 6,4 | 4,6 | 2,1 | 12,4 | 8,3 | 4,1 |
| SYSTEM 16 - Power tool clean to ST2/ST3 | | | | | | | | |
| Surface Tolerant Epoxy | 125 | 4,2 | 6,0 | 4,5 | 4,5 | 12,0 | 7,5 | 4,5 |
| PRACTICAL | 125 | 4,2 | 6,0 | 4,5 | 4,5 | 12,0 | 7,5 | 4,5 |
| IDEAL | | 2,8 | 4,0 | 3,0 | 3,0 | 8,0 | 5,0 | 3,0 |
| SYSTEM 18 - Power tool clean to ST2/ST3 | | | | | | | | |
| Surface Tolerant Epoxy | 125 | 4,2 | 6,0 | 5,1 | 4,3 | 9,4 | 6,9 | 5,1 |
| Surface Tolerant Epoxy | 125 | 3,2 | 4,5 | 3,9 | 3,2 | 7,1 | 5,1 | 3,9 |
| PRACTICAL | 250 | 7,4 | 10,5 | 9,0 | 7,5 | 16,5 | 12,0 | 9,0 |
| IDEAL | | 4,9 | 7,0 | 6,0 | 5,0 | 11,0 | 8,0 | 6,0 |
| SYSTEM 20 - Power tool clean to ST2/ST3 | | | | | | | | |
| Surface Tolerant Epoxy | 125 | 4,2 | 6,0 | 4,8 | 3,6 | 13,2 | 8,4 | 4,8 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,2 | 0,9 | 3,3 | 2,1 | 1,2 |
| PRACTICAL | 175 | 5,3 | 7,5 | 6,0 | 4,5 | 16,5 | 10,5 | 6,0 |
| IDEAL | | 3,5 | 5,0 | 4,0 | 3,0 | 11,0 | 7,0 | 4,0 |
| SYSTEM 22 (a) - Power tool clean to ST2/ST3 | | | | | | | | |
| Surface Tolerant Epoxy | 125 | 4,2 | 6,0 | 5,3 | 3,3 | 10,0 | 7,3 | 5,3 |
| Surface Tolerant Epoxy | 125 | 3,2 | 4,5 | 4,0 | 2,5 | 7,5 | 5,5 | 4,0 |
| Polyurethane | 50 | 2,1 | 3,0 | 2,7 | 1,7 | 5,0 | 3,7 | 2,7 |
| PRACTICAL | 300 | 9,5 | 13,5 | 12,0 | 7,5 | 22,5 | 16,5 | 12,0 |
| IDEAL | | 6,3 | 9,0 | 8,0 | 5,0 | 15,0 | 11,0 | 8,0 |

PSX 700 ENGINEERED SILOXANE ALTERNATIVE SYSTEM - Power tool clean to ST2/ST3

| | | | | | | | | |
|-----------------------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| Surface Tolerant Epoxy | 125 | 4,2 | 6,0 | 5,3 | 3,3 | 10,0 | 7,3 | 5,3 |
| PSX 700 Engineered Siloxane | 125 | 7,5 | 10,7 | 9,5 | 6,0 | 17,9 | 13,1 | 9,5 |
| PRACTICAL | 250 | 11,7 | 16,7 | 14,9 | 9,3 | 27,9 | 20,4 | 14,8 |
| IDEAL | | 7,8 | 11,1 | 9,9 | 6,2 | 18,6 | 13,6 | 9,9 |

PSX 700 ENGINEERED SILOXANE ALTERNATIVE SYSTEM - Power tool clean to ST2/ST3

| | | | | | | | | |
|-----------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Surface Tolerant Epoxy | 125 | 4,2 | 6,0 | 5,3 | 3,3 | 10,0 | 7,3 | 5,3 |
| Surface Tolerant Epoxy | 125 | 3,2 | 4,5 | 4,0 | 2,5 | 7,5 | 5,5 | 4,0 |
| PSX 700 Engineered Siloxane | 125 | 7,5 | 10,7 | 9,5 | 6,0 | 17,9 | 13,1 | 9,5 |
| PRACTICAL | 250 | 14,8 | 21,2 | 18,9 | 11,8 | 35,4 | 25,9 | 18,8 |
| IDEAL | | 9,9 | 14,1 | 12,6 | 7,9 | 23,5 | 17,2 | 12,5 |

NACE SYSTEM 31b - Abrasive Blast to Sa 2.5

| | | | | | | | | |
|-----------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Zinc Rich MC Urethane | 75 | 4,2 | 6,0 | 4,73 | 5,1 | 9,2 | 6,6 | 4,4 |
| MC Urethane | 75 | 4,6 | 6,5 | 5,13 | 5,5 | 9,9 | 7,2 | 4,8 |
| MC Urethane | 75 | 4,6 | 6,5 | 5,13 | 5,5 | 9,9 | 7,2 | 4,8 |
| PRACTICAL | 225 | 13,3 | 19,0 | 15,0 | 16,0 | 29,0 | 21,0 | 14,0 |
| IDEAL | | 9 | 13 | 10,0 | 11 | 19 | 14,0 | 9 |

NACE SYSTEM 34 - Abrasive Blast to Sa 2.5

| | | | | | | | | |
|------------------|------------|------------|-------------|------------|------------|-------------|-------------|------------|
| Epoxy Primer | 50 | 2,5 | 3,50 | 3,0 | 2,5 | 6,0 | 4,00 | 3,0 |
| HB Epoxy | 100 | 4,9 | 7,00 | 6,0 | 5,0 | 12,0 | 8,00 | 6,0 |
| PRACTICAL | 150 | 7,4 | 10,5 | 9,0 | 7,5 | 18,0 | 12,0 | 9,0 |
| IDEAL | | 4,9 | 7,0 | 6,0 | 5,0 | 12,0 | 8,0 | 6,0 |

NACE SYSTEM 34b Adjusted - Abrasive Blast to Sa 2.5

| | | | | | | | | |
|--------------------------|------------|------------|-------------|------------|------------|-------------|-------------|------------|
| Water Based Epoxy Primer | 50 | 2,5 | 3,50 | 3,0 | 2,5 | 6,0 | 4,00 | 3,0 |
| Water Based Epoxy | 50 | 2,5 | 3,50 | 3,0 | 2,5 | 6,0 | 4,00 | 3,0 |
| Water Based Epoxy | 50 | 2,5 | 3,50 | 3,0 | 2,5 | 6,0 | 4,00 | 3,0 |
| PRACTICAL | 150 | 7,4 | 10,5 | 9,0 | 7,5 | 18,0 | 12,0 | 9,0 |
| IDEAL | | 4,9 | 7,0 | 6,0 | 5,0 | 12,0 | 8,0 | 6,0 |

NACE SYSTEM 34b - Abrasive Blast to Sa 2.5

| | | | | | | | | |
|-------------------|------------|------------|-------------|------------|------------|-------------|-------------|------------|
| Water Based Epoxy | 75 | 3,7 | 5,25 | 4,5 | 3,7 | 9,0 | 6,00 | 4,5 |
| Water Based Epoxy | 75 | 3,7 | 5,25 | 4,5 | 3,7 | 9,0 | 6,00 | 4,5 |
| PRACTICAL | 150 | 7,4 | 10,5 | 9,0 | 7,5 | 18,0 | 12,0 | 9,0 |
| IDEAL | | 4,9 | 7,0 | 6,0 | 5,0 | 12,0 | 8,0 | 6,0 |

| | | | | | | | | |
|--|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NACE SYSTEM 34b Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Water Based Epoxy Primer | 50 | 2,5 | 3,50 | 3,0 | 2,5 | 6,0 | 4,00 | 3,0 |
| Water Based Epoxy | 50 | 2,5 | 3,50 | 3,0 | 2,5 | 6,0 | 4,00 | 3,0 |
| Water Based Epoxy | 50 | 2,5 | 3,50 | 3,0 | 2,5 | 6,0 | 4,00 | 3,0 |
| PRACTICAL | 150 | 7,4 | 10,5 | 9,0 | 7,5 | 18,0 | 12,0 | 9,0 |
| IDEAL | | 4,9 | 7,0 | 6,0 | 5,0 | 12,0 | 8,0 | 6,0 |
| NACE SYSTEM 36 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| HB Epoxy Primer | 100 | 4,2 | 6,00 | 5,3 | 6,8 | 9,8 | 6,8 | 5,3 |
| HB Epoxy | 100 | 4,2 | 6,00 | 5,3 | 6,8 | 9,8 | 6,8 | 5,3 |
| PRACTICAL | 200 | 8,4 | 12,0 | 10,5 | 13,5 | 19,5 | 13,5 | 10,5 |
| IDEAL | | 5,6 | 8,0 | 7,0 | 9,0 | 13,0 | 9,0 | 7,0 |
| NACE SYSTEM 38 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| HB Epoxy Primer | 50 | 2,1 | 3,00 | 2,7 | 3,3 | 4,5 | 3,3 | 2,7 |
| HB Epoxy | 100 | 4,2 | 6,00 | 5,4 | 6,6 | 9,0 | 6,6 | 5,4 |
| HB Epoxy | 50 | 2,1 | 3,00 | 2,7 | 3,3 | 4,5 | 3,3 | 2,7 |
| PRACTICAL | 200 | 8,4 | 12,0 | 10,8 | 13,2 | 18,0 | 13,2 | 10,8 |
| IDEAL | | 5,6 | 8,0 | 7,2 | 8,8 | 12,0 | 8,8 | 7,2 |
| NACE SYSTEM 40 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| HB Epoxy Primer | 100 | 4,9 | 7,00 | 5,8 | 3,5 | 12,8 | 8,2 | 5,8 |
| Polyurethane | 50 | 1,4 | 2,00 | 1,7 | 1,0 | 3,7 | 2,3 | 1,7 |
| PRACTICAL | 150 | 6,3 | 9,0 | 7,5 | 4,5 | 16,5 | 10,5 | 7,5 |
| IDEAL | | 4,2 | 6,0 | 5,0 | 3,0 | 11,0 | 7,0 | 5,0 |
| NACE SYSTEM 42 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Epoxy Primer | 50 | 2,5 | 3,50 | 3,1 | 2,6 | 5,7 | 3,94 | 3,1 |
| HB Epoxy | 100 | 4,9 | 7,00 | 6,1 | 5,3 | 11,4 | 7,88 | 6,1 |
| Polyurethane | 50 | 1,1 | 1,50 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 200 | 8,4 | 12,0 | 10,5 | 9,0 | 19,5 | 13,5 | 10,5 |
| IDEAL | | 5,6 | 8,0 | 7,0 | 6,0 | 13,0 | 9,0 | 7,0 |
| NACE SYSTEM 48 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| IOZ | 75 | 10,5 | 15,0 | 12,3 | 15,0 | 23,2 | 16,4 | 12,3 |
| HB Epoxy | 100 | 1,1 | 1,5 | 1,2 | 1,5 | 2,3 | 1,6 | 1,2 |
| PRACTICAL | 175 | 11,6 | 16,5 | 13,5 | 16,5 | 25,5 | 18,0 | 13,5 |
| IDEAL | | 7,7 | 11,0 | 9,0 | 11,0 | 17,0 | 12,0 | 9,0 |

| | | | | | | | | |
|---|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NACE SYSTEM 50 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| IOZ | 75 | 10,5 | 15,0 | 12,7 | 15,0 | 24,2 | 17,3 | 12,7 |
| HB Epoxy | 100 | 1,1 | 1,5 | 1,3 | 1,5 | 2,4 | 1,7 | 1,3 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,5 | 3,0 | 4,8 | 3,5 | 2,5 |
| PRACTICAL | 275 | 13,7 | 19,5 | 16,5 | 19,5 | 31,5 | 22,5 | 16,5 |
| IDEAL | | 9,1 | 13,0 | 11,0 | 13,0 | 21,0 | 15,0 | 11,0 |
| NACE SYSTEM 57 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Metallising | 125 | 12,3 | 17,5 | 15,4 | 18,4 | 29,0 | 20,5 | 14,5 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,6 | 3,1 | 5,0 | 3,5 | 2,5 |
| PRACTICAL | 225 | 14,4 | 20,5 | 18,0 | 21,5 | 34,0 | 24,0 | 17,0 |
| IDEAL | | 9,6 | 13,7 | 12,0 | 14,3 | 22,7 | 16,0 | 11,3 |
| Based on NACE SYSTEM 58 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| TSA | 200 | 19,6 | 28,0 | 24,1 | 28,0 | 43,7 | 30,2 | 24,6 |
| Epoxy Sealer | 50 | 1,1 | 1,5 | 1,3 | 1,5 | 2,3 | 1,6 | 1,3 |
| Polyurethane / Epoxy Acrylic | 50 | 1,6 | 2,3 | 1,9 | 2,3 | 3,5 | 2,4 | 2,0 |
| PRACTICAL | 300 | 22,2 | 31,8 | 27,3 | 31,8 | 49,5 | 34,3 | 27,9 |
| IDEAL | | 14,8 | 21,1 | 18,2 | 21,1 | 33,0 | 22,8 | 18,6 |
| Based on NACE SYSTEM 58 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| TSA | 200 | 19,6 | 28,0 | 24,1 | 28,0 | 43,7 | 30,2 | 24,6 |
| Epoxy Sealer | 25 | 0,5 | 0,8 | 0,6 | 0,8 | 1,2 | 0,8 | 0,7 |
| PSX 700 Engineered Siloxane | 125 | 7,0 | 10,0 | 8,6 | 10,0 | 15,6 | 10,8 | 8,8 |
| PRACTICAL | 350 | 27,1 | 38,8 | 33,3 | 38,8 | 60,5 | 41,9 | 34,1 |
| IDEAL | | 18,1 | 25,8 | 22,2 | 25,8 | 40,3 | 27,9 | 22,7 |
| NACE SYSTEM 58 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Metallising | 125 | 12,3 | 17,5 | 15,1 | 17,5 | 27,3 | 18,9 | 15,4 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,6 | 3,0 | 4,7 | 3,2 | 2,6 |
| HB Epoxy | 100 | 3,2 | 4,5 | 3,9 | 4,5 | 7,0 | 4,9 | 4,0 |
| PRACTICAL | 325 | 17,5 | 25,0 | 21,5 | 25,0 | 39,0 | 27,0 | 22,0 |
| IDEAL | | 11,7 | 16,7 | 14,3 | 16,7 | 26,0 | 18,0 | 14,7 |
| NACE SYSTEM 63 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| IOZ | 75 | 10,5 | 15,0 | 12,5 | 13,8 | 25,0 | 17,5 | 12,5 |
| HB Epoxy | 100 | 1,1 | 1,5 | 1,2 | 1,4 | 2,5 | 1,8 | 1,2 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,2 | 1,4 | 2,5 | 1,8 | 1,2 |
| PRACTICAL | 225 | 12,6 | 18,0 | 15,0 | 16,5 | 30,0 | 21,0 | 15,0 |
| IDEAL | | 8,4 | 12,0 | 10,0 | 11,0 | 20,0 | 14,0 | 10,0 |

| | | | | | | | | |
|--|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NACE SYSTEM 63 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| IOZ | 75 | 10,5 | 15,0 | 12,5 | 13,8 | 25,0 | 17,5 | 12,5 |
| HB Epoxy | 125 | 1,3 | 1,9 | 1,6 | 1,7 | 3,1 | 2,2 | 1,6 |
| Polyurethane | 40 | 0,8 | 1,2 | 1,0 | 1,1 | 2,0 | 1,4 | 1,0 |
| PRACTICAL | 240 | 12,7 | 18,1 | 15,1 | 16,6 | 30,1 | 21,1 | 15,1 |
| IDEAL | | 8,4 | 12,0 | 10,0 | 11,0 | 20,1 | 14,0 | 10,0 |
| NACE SYSTEM 50/63 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| IOZ | 75 | 10,5 | 15,0 | 12,7 | 15,0 | 24,2 | 17,3 | 12,7 |
| HB Epoxy | 100 | 1,1 | 1,5 | 1,3 | 1,5 | 2,4 | 1,7 | 1,3 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,5 | 3,0 | 4,8 | 3,5 | 2,5 |
| Polyurethane | 40 | 0,8 | 1,2 | 1,0 | 1,2 | 2,0 | 1,4 | 1,0 |
| PRACTICAL | 315 | 14,5 | 20,7 | 17,5 | 20,7 | 33,5 | 23,9 | 17,5 |
| IDEAL | | 9,7 | 13,8 | 11,7 | 13,8 | 22,3 | 15,9 | 11,7 |
| NACE SYSTEM 50/63 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| IOZ | 75 | 10,5 | 15,0 | 12,7 | 15,0 | 24,2 | 17,3 | 12,7 |
| HB Epoxy | 125 | 1,3 | 1,9 | 1,6 | 1,9 | 3,0 | 2,2 | 1,6 |
| HB Epoxy | 125 | 2,6 | 3,8 | 3,2 | 3,8 | 6,1 | 4,3 | 3,2 |
| Polyurethane | 40 | 0,8 | 1,2 | 1,0 | 1,2 | 2,0 | 1,4 | 1,0 |
| PRACTICAL | 365 | 15,3 | 21,8 | 18,4 | 21,8 | 35,3 | 25,2 | 18,4 |
| IDEAL | | 10,2 | 14,5 | 12,3 | 14,5 | 23,5 | 16,8 | 12,3 |
| PSX 700 ENGINEERED SILOXANE ALTERNATIVE SYSTEM - Abrasive blast to Sa 2.5 | | | | | | | | |
| Dimetcote 9 | 75 | 10,5 | 15,0 | 12,7 | 15,0 | 24,2 | 17,3 | 12,7 |
| PSX 700 Engineered Siloxane | 125 | 5,3 | 7,5 | 6,2 | 7,5 | 12,1 | 8,7 | 6,3 |
| PRACTICAL | 200 | 15,8 | 22,5 | 18,9 | 22,5 | 36,3 | 26,0 | 19,0 |
| IDEAL | | 10,5 | 15,0 | 12,6 | 15,0 | 24,2 | 17,3 | 12,7 |
| NACE SYSTEM 68 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 4,8 | 6,0 | 10,2 | 7,2 | 4,8 |
| HB Epoxy | 100 | 6,3 | 9,0 | 7,2 | 9,0 | 15,3 | 10,8 | 7,2 |
| PRACTICAL | 175 | 10,5 | 15,0 | 12,0 | 15,0 | 25,5 | 18,0 | 12,0 |
| IDEAL | | 7,0 | 10,0 | 8,0 | 10,0 | 17,0 | 12,0 | 8,0 |
| NACE SYSTEM 70 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| HB Epoxy | 100 | 6,3 | 9,0 | 7,5 | 9,0 | 15,0 | 10,5 | 7,5 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,5 | 3,0 | 5,0 | 3,5 | 2,5 |
| PRACTICAL | 275 | 12,6 | 18,0 | 15,0 | 18,0 | 30,0 | 21,0 | 15,0 |
| IDEAL | | 8,4 | 12,0 | 10,0 | 12,0 | 20,0 | 14,0 | 10,0 |

| | | | | | | | | |
|--|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NACE SYSTEM 72 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| Polyurethane | 100 | 6,3 | 9,00 | 7,0 | 7,5 | 14,0 | 9,5 | 12,0 |
| PRACTICAL | 175 | 10,5 | 15,0 | 12,0 | 13,5 | 24,0 | 16,5 | 17,0 |
| IDEAL | | 7,0 | 10,0 | 8,0 | 9,0 | 16,0 | 11,0 | 11,3 |
| NACE SYSTEM 78 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 4,9 | 5,5 | 10,4 | 7,1 | 4,9 |
| HB Epoxy | 125 | 7,9 | 11,3 | 9,2 | 10,2 | 19,4 | 13,3 | 9,2 |
| Polyurethane | 40 | 0,8 | 1,2 | 1,0 | 1,1 | 2,1 | 1,4 | 1,0 |
| PRACTICAL | 240 | 12,9 | 18,5 | 15,1 | 16,8 | 31,9 | 21,8 | 15,1 |
| IDEAL | | 8,6 | 12,3 | 10,1 | 11,2 | 21,2 | 14,5 | 10,1 |
| NACE SYSTEM 78 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 4,9 | 5,5 | 10,4 | 7,1 | 4,9 |
| HB Epoxy | 125 | 7,9 | 11,3 | 9,2 | 10,2 | 19,4 | 13,3 | 9,2 |
| Polyurethane | 40 | 0,8 | 1,2 | 1,0 | 1,1 | 2,1 | 1,4 | 1,0 |
| PRACTICAL | 240 | 12,9 | 18,5 | 15,1 | 16,8 | 31,9 | 21,8 | 15,1 |
| IDEAL | | 8,6 | 12,3 | 10,1 | 11,2 | 21,2 | 14,5 | 10,1 |
| NACE SYSTEM 70/78 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 50 | 2,8 | 4,0 | 3,3 | 4,0 | 6,7 | 4,7 | 3,3 |
| HB Epoxy | 25 | 1,6 | 2,3 | 1,9 | 2,3 | 3,8 | 2,6 | 1,9 |
| HB Epoxy | 100 | 6,3 | 9,0 | 7,5 | 9,0 | 15,0 | 10,5 | 7,5 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,5 | 3,0 | 5,0 | 3,5 | 2,5 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,2 | 1,5 | 2,5 | 1,8 | 1,2 |
| PRACTICAL | 325 | 13,8 | 19,8 | 16,5 | 19,8 | 32,9 | 23,0 | 16,5 |
| IDEAL | | 9,2 | 13,2 | 11,0 | 13,2 | 21,9 | 15,4 | 11,0 |
| NACE SYSTEM 70/78 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| HB Epoxy | 100 | 6,3 | 9,0 | 7,5 | 9,0 | 15,0 | 10,5 | 7,5 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,5 | 3,0 | 5,0 | 3,5 | 2,5 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,2 | 1,5 | 2,5 | 1,8 | 1,2 |
| PRACTICAL | 325 | 13,7 | 19,5 | 16,2 | 19,5 | 32,5 | 22,8 | 16,2 |
| IDEAL | | 9,1 | 13,0 | 10,8 | 13,0 | 21,6 | 15,2 | 10,8 |

| | | | | | | | | |
|--|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NACE SYSTEM 70/78 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| HB Epoxy | 125 | 7,9 | 11,3 | 9,4 | 11,3 | 18,8 | 13,1 | 9,4 |
| HB Epoxy | 125 | 2,6 | 3,8 | 3,1 | 3,8 | 6,3 | 4,4 | 3,1 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,2 | 1,5 | 2,5 | 1,8 | 1,2 |
| PRACTICAL | 375 | 15,8 | 22,5 | 18,7 | 22,5 | 37,5 | 26,3 | 18,7 |
| IDEAL | | 10,5 | 15,0 | 12,5 | 15,0 | 25,0 | 17,5 | 12,5 |
| NACE SYSTEM 72 Adjusted - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 4,8 | 5,4 | 9,6 | 6,6 | 4,8 |
| Polyurethane | 100 | 6,3 | 9,0 | 7,2 | 8,1 | 14,4 | 9,9 | 7,2 |
| PRACTICAL | 175 | 10,5 | 15,0 | 12,0 | 13,5 | 24,0 | 16,5 | 12,0 |
| IDEAL | | 7,0 | 10,0 | 8,0 | 9,0 | 16,0 | 11,0 | 8,0 |
| PSX 700 ENGINEERED SILOXANE ALTERNATIVE SYSTEM - Abrasive blast to Sa 2.5 | | | | | | | | |
| Amercoat 68 or 132 Zinc Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| PSX 700 Engineered Siloxane | 125 | 11,4 | 16,3 | 13,5 | 16,3 | 27,1 | 19,0 | 13,5 |
| PRACTICAL | 200 | 15,6 | 22,3 | 18,5 | 22,3 | 37,1 | 26,0 | 18,5 |
| IDEAL | | 10,4 | 14,8 | 12,3 | 14,8 | 24,7 | 17,3 | 12,3 |
| PSX 700 ENGINEERED SILOXANE ALTERNATIVE SYSTEM - Abrasive blast to Sa 2.5 | | | | | | | | |
| Amercoat 68 or 132 Zinc Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| PSX 700 Engineered Siloxane | 125 | 11,4 | 16,3 | 13,5 | 16,3 | 27,1 | 19,0 | 13,5 |
| PSX 700 Engineered Siloxane | 125 | 3,4 | 4,9 | 4,1 | 4,9 | 8,1 | 5,7 | 4,1 |
| PRACTICAL | 325 | 19,0 | 27,1 | 22,6 | 27,1 | 45,2 | 31,7 | 22,6 |
| IDEAL | | 12,6 | 18,1 | 15,0 | 18,1 | 30,1 | 21,1 | 15,0 |
| PSX 700 ENGINEERED SILOXANE ALTERNATIVE SYSTEM - Abrasive blast to Sa 2.5 | | | | | | | | |
| Amercoat 68 or 132 Zinc Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| Amercoat 385 Epoxy | 140 | 8,8 | 12,6 | 10,5 | 12,6 | 21,0 | 14,7 | 10,5 |
| PSX 700 Engineered Siloxane | 125 | 7,0 | 10,0 | 8,3 | 10,0 | 16,7 | 11,7 | 8,3 |
| PRACTICAL | 340 | 20,0 | 28,6 | 23,8 | 28,6 | 47,7 | 33,4 | 23,8 |
| IDEAL | | 13,3 | 19,0 | 15,9 | 19,0 | 31,8 | 22,2 | 15,9 |
| NACE SYSTEM 94 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Coal Tar Epoxy | 400 | 11,6 | 16,5 | 13,5 | 13,5 | 21,0 | 16,5 | 13,5 |
| PRACTICAL | 400 | 11,6 | 16,5 | 13,5 | 13,5 | 21,0 | 16,5 | 13,5 |
| IDEAL | | 7,7 | 11,0 | 9,0 | 9,0 | 14,0 | 11,0 | 9,0 |
| NACE SYSTEM 99 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Inorganic Zinc Silicate | 75 | 10,5 | 15,0 | 13,0 | 20,0 | 27,0 | 17,0 | 12,0 |
| PRACTICAL | 75 | 10,5 | 15,0 | 13,0 | 20,0 | 27,0 | 17,0 | 12,0 |

| | | | | | | | | |
|---|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NACE SYSTEM 101 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 17,0 | 11,0 | 8,0 | 5,0 |
| PRACTICAL | 75 | 4,2 | 6,0 | 5,0 | 17,0 | 11,0 | 8,0 | 5,0 |
| NACE SYSTEM 103 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Metallising | 125 | 12,3 | 17,5 | 16,0 | 27,5 | 33,0 | 22,0 | 16,0 |
| PRACTICAL | 125 | 12,3 | 17,5 | 16,0 | 27,5 | 33,0 | 22,0 | 16,0 |
| NACE SYSTEM - Pickling (Life projections assumes pH in range 5.5 to 10 and halogens are not present) | | | | | | | | |
| Galvanising (610 grams/M2) = | 85 | | | | | 21,0 | 16,0 | 9,0 |
| PRACTICAL | 85 | | | | | 21,0 | 16,0 | 9,0 |
| SYSTEM 1 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Metallising (Shop Applied) | 125 | 12,3 | 17,5 | 15,1 | 17,5 | 27,3 | 18,9 | 15,4 |
| HB Epoxy (Site Applied) | 50 | 1,1 | 1,5 | 1,3 | 1,5 | 2,3 | 1,6 | 1,3 |
| Polyurethane (Site Applied) | 50 | 1,1 | 1,5 | 1,2 | 1,5 | 2,5 | 1,8 | 1,2 |
| Polyurethane (Site Applied) | 50 | 1,1 | 1,5 | 1,2 | 1,5 | 2,5 | 1,8 | 1,2 |
| PRACTICAL | 275 | 15,4 | 22,0 | 18,8 | 22,0 | 34,6 | 24,0 | 19,2 |
| IDEAL | | 10,3 | 14,7 | 12,5 | 14,7 | 23,1 | 16,0 | 12,8 |
| NACE SYSTEM 58 - Abrasive Blast to Sa 2.5 | | | | | | | | |
| Zinc Metallising | 125 | 12,3 | 17,5 | 15,1 | 17,5 | 27,3 | 18,9 | 15,4 |
| Galvanising (610 grams/M2) = | 85 | 9,5 | 13,5 | 11,6 | 13,5 | 21,0 | 16,0 | 9,0 |
| HB Epoxy | 100 | 2,1 | 3,0 | 2,6 | 3,0 | 4,7 | 3,2 | 2,6 |
| HB Epoxy | 100 | 3,2 | 4,5 | 3,9 | 4,5 | 7,0 | 4,9 | 4,0 |
| PRACTICAL | 410 | 27,0 | 38,5 | 33,1 | 38,5 | 60,0 | 43,0 | 31,0 |
| IDEAL | | 18,0 | 25,6 | 22,1 | 25,6 | 40,0 | 28,6 | 20,6 |
| GLASS FLAKE SYSTEMS - Abrasive Blast to Sa 2.5 | | | | | | | | |
| EXAMPLE 1 : Based on NACE SYSTEM 42 (Up to 200 microns Glass Flake) | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| Epoxy Glass Flake | 200 | 9,8 | 14,0 | 12,3 | 10,5 | 22,8 | 15,75 | 12,3 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 325 | 15,1 | 21,5 | 18,6 | 17,6 | 35,2 | 24,4 | 18,6 |
| IDEAL | | 10,0 | 14,3 | 12,4 | 11,7 | 23,4 | 16,3 | 12,4 |
| EXAMPLE 2 : Based on NACE SYSTEM 42 (201 to 400 microns Glass Flake) | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| Epoxy Glass Flake | 400 | 13,0 | 18,6 | 16,3 | 14,0 | 30,2 | 20,93 | 16,3 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 525 | 18,3 | 26,1 | 22,6 | 21,1 | 42,7 | 29,6 | 22,6 |
| IDEAL | | 12,2 | 17,4 | 15,0 | 14,0 | 28,4 | 19,7 | 15,0 |

| | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| EXAMPLE 3 : Based on NACE SYSTEM 42 (401 to 600 microns Glass Flake) | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| Epoxy Glass Flake | 600 | 15,1 | 21,5 | 18,8 | 16,1 | 35,0 | 24,21 | 18,8 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 725 | 20,3 | 29,0 | 25,1 | 23,3 | 47,4 | 32,9 | 25,1 |
| IDEAL | | 13,5 | 19,3 | 16,7 | 15,5 | 31,6 | 21,9 | 16,7 |
| EXAMPLE 4 : Based on NACE SYSTEM 42 (601 to 800 microns Glass Flake) | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| Epoxy Glass Flake | 800 | 16,4 | 23,4 | 20,5 | 17,6 | 38,1 | 26,38 | 20,5 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 925 | 21,7 | 30,9 | 26,8 | 24,7 | 50,5 | 35,1 | 26,8 |
| IDEAL | | 14,4 | 20,6 | 17,9 | 16,5 | 33,7 | 23,4 | 17,9 |
| EXAMPLE 5 : Based on NACE SYSTEM 42 (801 to 1000 microns Glass Flake) | | | | | | | | |
| Zinc Rich Epoxy | 75 | 4,2 | 6,0 | 5,0 | 6,0 | 10,0 | 7,0 | 5,0 |
| Epoxy Glass Flake | 1000 | 17,3 | 24,7 | 21,6 | 18,5 | 40,2 | 27,82 | 21,6 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 1125 | 22,6 | 32,2 | 28,0 | 25,7 | 52,6 | 36,5 | 28,0 |
| IDEAL | | 15,0 | 21,5 | 18,6 | 17,1 | 35,1 | 24,3 | 18,6 |
| GLASS FLAKE SYSTEMS - Abrasive Blast to Sa 2.5 | | | | | | | | |
| EXAMPLE 1 : Based on NACE SYSTEM 42 (Up to 200 microns Glass Flake) | | | | | | | | |
| Epoxy Primer | 50 | 2,5 | 3,5 | 3,1 | 2,6 | 5,7 | 3,94 | 3,1 |
| Epoxy Glass Flake | 200 | 9,8 | 14,0 | 12,3 | 10,5 | 22,8 | 15,75 | 12,3 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 300 | 13,3 | 19,0 | 16,6 | 14,3 | 30,9 | 21,4 | 16,6 |
| IDEAL | | 8,9 | 12,7 | 11,1 | 9,5 | 20,6 | 14,2 | 11,1 |
| EXAMPLE 2 : Based on NACE SYSTEM 42 (201 to 400 microns Glass Flake) | | | | | | | | |
| Epoxy Primer | 50 | 2,5 | 3,5 | 3,1 | 2,6 | 5,7 | 3,94 | 3,1 |
| Epoxy Glass Flake | 400 | 13,0 | 18,6 | 16,3 | 14,0 | 30,2 | 20,93 | 16,3 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 500 | 16,5 | 23,6 | 20,7 | 17,7 | 38,4 | 26,6 | 20,7 |
| IDEAL | | 11,0 | 15,7 | 13,8 | 11,8 | 25,5 | 17,7 | 13,8 |
| EXAMPLE 3 : Based on NACE SYSTEM 42 (401 to 600 microns Glass Flake) | | | | | | | | |
| Epoxy Primer | 50 | 2,5 | 3,5 | 3,1 | 2,6 | 5,7 | 3,94 | 3,1 |
| Epoxy Glass Flake | 600 | 15,1 | 21,5 | 18,8 | 16,1 | 35,0 | 24,21 | 18,8 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 700 | 18,6 | 26,5 | 23,2 | 19,9 | 43,1 | 29,8 | 23,2 |
| IDEAL | | 12,4 | 17,7 | 15,5 | 13,2 | 28,7 | 19,9 | 15,5 |

| | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| EXAMPLE 4 : Based on NACE SYSTEM 42 (601 to 800 microns Glass Flake) | | | | | | | | |
| Epoxy Primer | 50 | 2,5 | 3,5 | 3,1 | 2,6 | 5,7 | 3,94 | 3,1 |
| Epoxy Glass Flake | 800 | 16,4 | 23,4 | 20,5 | 17,6 | 38,1 | 26,38 | 20,5 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 900 | 19,9 | 28,4 | 24,9 | 21,3 | 46,2 | 32,0 | 24,9 |
| IDEAL | | 13,3 | 18,9 | 16,6 | 14,2 | 30,8 | 21,3 | 16,6 |
| EXAMPLE 5 : Based on NACE SYSTEM 42 (801 to 1000 microns Glass Flake) | | | | | | | | |
| Epoxy Primer | 50 | 2,5 | 3,5 | 3,1 | 2,6 | 5,7 | 3,94 | 3,1 |
| Epoxy Glass Flake | 1000 | 17,3 | 24,7 | 21,6 | 18,5 | 40,2 | 27,82 | 21,6 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 1100 | 20,8 | 29,7 | 26,0 | 22,3 | 48,3 | 33,4 | 26,0 |
| IDEAL | | 13,9 | 19,8 | 17,3 | 14,9 | 32,2 | 22,3 | 17,3 |
| GLASS FLAKE SYSTEMS (DIRECT TO STEEL) - Abrasive Blast to Sa 2.5 | | | | | | | | |
| EXAMPLE 1 : Based on NACE SYSTEM 42 (Up to 250 microns Glass Flake) | | | | | | | | |
| Epoxy Glass Flake | 200 | 9,8 | 14,0 | 12,3 | 10,5 | 22,8 | 15,75 | 12,3 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 250 | 10,9 | 15,5 | 13,6 | 11,6 | 25,2 | 17,4 | 13,6 |
| IDEAL | | 7,2 | 10,3 | 9,0 | 7,7 | 16,8 | 11,6 | 9,0 |
| EXAMPLE 2 : Based on NACE SYSTEM 42 (251 to 450 microns Glass Flake) | | | | | | | | |
| Epoxy Glass Flake | 400 | 14,7 | 21,0 | 18,3 | 15,7 | 34,0 | 23,57 | 18,3 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 450 | 15,7 | 22,5 | 19,6 | 16,8 | 36,5 | 25,3 | 19,6 |
| IDEAL | | 10,5 | 15,0 | 13,1 | 11,2 | 24,3 | 16,8 | 13,1 |
| EXAMPLE 3 : Based on NACE SYSTEM 42 (451 to 650 microns Glass Flake) | | | | | | | | |
| Epoxy Glass Flake | 600 | 17,0 | 24,3 | 21,3 | 18,2 | 39,5 | 27,33 | 21,3 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 650 | 18,1 | 25,8 | 22,6 | 19,3 | 41,9 | 29,0 | 22,6 |
| IDEAL | | 12,0 | 17,2 | 15,0 | 12,9 | 27,9 | 19,3 | 15,0 |
| EXAMPLE 4 : Based on NACE SYSTEM 42 (651 to 850 microns Glass Flake) | | | | | | | | |
| Epoxy Glass Flake | 800 | 18,5 | 26,5 | 23,2 | 19,8 | 43,0 | 29,77 | 23,2 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 850 | 19,6 | 28,0 | 24,5 | 21,0 | 45,4 | 31,5 | 24,5 |
| IDEAL | | 13,0 | 18,6 | 16,3 | 14,0 | 30,3 | 21,0 | 16,3 |

| | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| EXAMPLE 5 : Based on NACE SYSTEM 42 (851 to 1050 microns Glass Flake) | | | | | | | | |
| Epoxy Glass Flake | 1000 | 19,5 | 27,9 | 24,4 | 20,9 | 45,4 | 31,40 | 24,4 |
| Polyurethane | 50 | 1,1 | 1,5 | 1,3 | 1,1 | 2,4 | 1,69 | 1,3 |
| PRACTICAL | 1050 | 20,6 | 29,4 | 25,7 | 22,1 | 47,8 | 33,1 | 25,7 |
| IDEAL | | 13,7 | 19,6 | 17,1 | 14,7 | 31,8 | 22,0 | 17,1 |

Note :

Practical time to first maintenance is 5-10 % coating breakdown, active rusting exists

Ideal time to first maintenance is 3-5 % topcoat breakdown, no active rusting exists

OFFSHORE LIFE PROJECTIONS ARE TAKEN AS SEA COAST MARINE EXPOSURE x 0.7 i.e., Less 30%