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|  | | | | | | | |  | **Béton ­ Chantier et résistance à la compression** et à la flexion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Dossier Ministère-Entrepreneur | | | | | | | | | | | | | Dossier Ministère-Laboratoire | | | | | | | | | | | | | | | | | | | | | Dossier du laboratoire | | | | | | | | | | | | | | | |
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| Surveillant | | | | | | | | | | | | | Laboratoire du Ministère | | | | | | | | | | | | | | | | | | | | | Laboratoire de l’entrepreneur | | | | | | | | | | | | | | | |
| Ministère  Firme | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |
| Entrepreneur | | | | | | | | | | | | | Fournisseur de béton | | | | | | | | | | | | | | | | | | | | | Usine (municipalité) | | | | | | | | | | | | | | | |
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| Ouvrage et localisation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Sous-traitant | | | | | | | | | | | | | | | |
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| Partie d’ouvrage à bétonner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Numéro du lot | | | | | Date de la coulée (Année-Mois-Jour) | | | | | | | | | | | | | Numéro de la coulée | | | | | | | | | | | | | | | | | | | | | Distance de transport (usine-chantier) | | | | | | | | | | |
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| Essais par | | | | | | | | | | | | | | | | | | | | | | Technicien certifié ACI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Laboratoire Ministère   Fournisseur  Entrepreneur | | | | | | | | | | | | | | | | | | | | | | Exigé   Non exigé  Carte conforme  Carte non conforme | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type de moule(1) | | | | | | | | | | | | | | | | | | | | | | Matériau du moule | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100Øx200x3,4(1)  150Øx300x5(1)  Poutre | | | | | | | | | | | | | | | | | | | | | | Polyuréthane  Acier  Bois Autre : | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identification des outils | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Moules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air-mètre | | | | | | | | Cône | | | | | | | | | | | | | Thermomètre | | | | | | | | | | | | Bourroirs  10 mm        16 mm | | | | | | | | | | | | | | | | |
| Équipement  Camion malaxeur  Pompe  Bétonnière mobile  Lance  Godet  Camion à benne  Coffrage glissant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Numéro  de formule | | **Caractéristiques exigées** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Conditions météorologiques** | | | | | | | | | | | | | | | | | |
| Type | | | | | | | Résist.  (MPa) | | | Gros granulats | | | | Teneur air (%) | | | | | | Aff./Étal. (mm) | | | | T du béton (°C) | | | | | T (°C) | | | | | | | | | Soleil | | Nuage | Pluie | | | Neige | | Vent |
|  | | Béton | | | Liant | | | | T min. | | T max. | | | T min. | | | | | | T max. | | |
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| Échantillonnage selon CSA A23.2-1C | | | | | | | | | | | | | | | **Partie 1 – Chantier – Essais sur béton plastique** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Numéro échantillon | Numéro du camion | | Heure (HH :MM) | | | | | | | | | | | Quantité  de béton (m3) | | | | | | | | | Ajout (l/m3) | | | | Teneur/en air (%)  A23.2-4C | | | | | | | | | | | | Aff./ Étal.(mm)  A23.2-5C/19C | | | | | | | | Temp. (°C) A23.2-17C | |
| Heure du prélèvement | Numéro du billet liv. | | Heure de chargement | | | | Début de la coulée | | | Fin de la  coulée | | | | Camion | | | | Cumul. | | | | | Eau | | SP(2) | | Initial | | Après l’ajout | | | | | | | Après le pompage | | | Initial | | Après  ajout | | | | Après pompage | |
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| Perte d’air mesurée à l’essai de convenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | |
| Perte d’air appliquée (selon l’essai de convenance) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | |
| *(1) Épaisseur minimale des parois d’un moule (mm).*  *(2) Lorsqu’un autre type d’adjuvant est utilisé, consigner cette information dans l’espace «* *Remarques* *».* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Chantier – Confection des éprouvettes**  A23.2-3C  CCDG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Devis : | | | | | | | | | | | | | | | | | | |
| Pilonnage  Vibr. ext.  Vibr.int.  Projection  Autre : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Localisation du prélèvement dans l’ouvrage | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |
| Échantillons numéro | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |
| Confection des éprouvettes | | | | | | | Heure (HH : MM) | | | | | | |  | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |
| Par | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |
| Remarques | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Partie 1 remplie par** | | | | Nom | | | | | | | | | | | | | | | | Signature | | | | | | | | | | | | | | | | Organisme | | | | | | | | | Date (Année-Mois-Jour) | | | | |
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| **Partie 2 – Cure en chantier et transport**  A23.2-3C  CCDG | | | | | | | | | | | Devis : | | | | | | | | | |
| Identification des éprouvettes | | | | |  | | |  | |  | | |  | | |  | | | |  |
| Conditions de cure en chantier\* | | | | | 1;  2;  3;  4;  5;  6 | | | | | | | | 1;  2;  3;  4;  5;  6 | | | | | | | |
| \* 1-Contenant isolé; 2-Dans l’eau; 3-Température ambiante contrôlée; 4-Intérieur; 5-Abris; 6-Particularités : | | | | | | | | | | | | | | | | | | | | |
| Éprouvette témoin  (Mêmes conditions que l’ouvrage) | | | | |  | | |  | |  | | |  | | |  | | | |  |
| **Température ambiante autour des éprouvettes** | | | | | | | | | | | | | | | | | | | | |
| Pendant les 24 premières heures (ou 44 pour le béton autoplaçant ou antilessivage) | | | | | Minimale       ºC Maximale       ºC | | | | | | | | Minimale       ºC Maximale       ºC | | | | | | | |
| **Observations à la récupération** | | | | | | | | | | | | | | | | | | | | |
| Récupération | | Date (Année-mois-Jour) | | |  | | |  | |  | | |  | | |  | | | |  |
| Heure (HH : MM) | | | | |  | | |  | |  | | |  | | |  | | | |  |
| Éprouvette déplacée | | | | |  | | |  | |  | | |  | | |  | | | |  |
| Éprouvette semble endommagée | | | | |  | | |  | |  | | |  | | |  | | | |  |
| **Transport** | | | | | | | | | | | | | | | | | | | | |
| Heure de départ du chantier (HH : MM) | | | | |  | | | | | | | |  | | | | | | | |
| Temps de transport (HH : MM) | | | | |  | | | | | | | |  | | | | | | | |
| Température ambiante durant le transport : | | | | | Minimale       ºC Maximale       ºC | | | | | | | | Minimale       ºC Maximale       ºC | | | | | | | |
| Remarques |  | | | | | | | | | | | | | | | | | | | |
| **Partie 2 remplie par** | Nom | | | | | | Signature | | | | | | | Organisme | | | Date (Année-Mois-Jour) | | | |
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| **Partie 3 – Laboratoire** | | | | | | | | | | | | | | | | | | | | |
| **Carottage (béton projeté)** | | | | | | | | | | | | | | | | | | | | |
| Échantillon numéro | | |  | | | | | | | | |  | | | | | | | | |
| Identification des éprouvettes | | |  | | |  | | |  | | |  | | |  | | | |  | |
| Date (Année-Mois-Jour) | | |  | | |  | | |  | | |  | | |  | | | |  | |
| Heure (HH:MM) | | |  | | |  | | |  | | |  | | |  | | | |  | |
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| **Démoulage et cure** | | | | | | | | | | | | | | | | | | | | |
| Date (Année-Mois-Jour) | | |  | | |  | | |  | | |  | | |  | | | |  | |
| Heure (HH:MM) | | |  | | |  | | |  | | |  | | |  | | | |  | |
| Température ambiante | | | | | Chambre humide | | | | | | | | Eau saturée de chaux | | | | | | | |
| **Résultats d’essais de résistance à la compression / à la flexion** | | | | | | | | | | | | | | | | | | | | |
| Identification des éprouvettes | | | |  | |  | | |  | | |  | | |  | | | |  | |
| Âge des éprouvettes (jours) | | | |  | |  | | |  | | |  | | |  | | | |  | |
| Résistance à la compression (MPa)  CSA A23.2-9C | | | |  | |  | | |  | | |  | | |  | | | |  | |
| Résistance à la compression des carottes pour le béton projeté (MPa)  CSA A23.2-14C | | | |  | |  | | |  | | |  | | |  | | | |  | |
| Résistance à la flexion (MPa)  CSA A23.2-8C | | | |  | |  | | |  | | |  | | |  | | | |  | |
| Remarques |  | | | | | | | | | | | | | | | | | | | |
| **Partie 3 remplie par** | Nom | | | | | | Signature | | | | | | | Organisme | | | | Date (Année-Mois-Jour) | | |
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| **Formulaire** | Nom | | | | | | Signature | | | | | | | Organisme | | | | Date (Année-Mois-Jour) | | |
| **approuvé par** |  | | | | | |  | | | | | | |  | | | |  | | |